



PROMOZIONE

Ver. 2023/01

VALIDITÀ'

dal 01/10/2023 al 31/12/2023

CODICE

GMP23

40% di sconto sulle citochine di grado GMP!

Le citochine, proteine a basso peso molecolare, svolgono ruoli importanti nella trasmissione di informazioni tra le cellule e nella regolazione delle risposte immunitarie e delle funzioni effettive, come la promozione della proliferazione e della crescita cellulare e la riparazione dei tessuti. Sono ampiamente utilizzate nella ricerca di base, così come nella immunoterapia del cancro, nella terapia con cellule staminali, nella medicina rigenerativa e nella preparazione e coltura di cellule T con recettore antigenico chimerico/natural killer. Pertanto, sono stati stabiliti **standard e regolamenti rigidi per garantire la sicurezza delle citochine.**

Le citochine di grado GMP sono prodotte in conformità agli standard GMP, che prevedono un **rigoroso sistema di gestione della qualità**, al fine di ridurre al minimo la variabilità e l'incertezza nel processo di produzione, garantendo l'alta qualità dei prodotti. A differenza dei farmaci ricombinanti, le citochine di grado GMP non possono essere utilizzate direttamente per il trattamento delle malattie, ma possono fungere da eccipienti per la terapia cellulare.

- ✓ Troverai il listino completo sul nostro sito www.ricerca.it.
- ✓ Per individuare i prodotti specifici per le tue esigenze, ci sono i nostri specialisti.

Scrivi a ricerca.assistenza@prodottigiani.com

CONDIZIONI PROMOZIONALI

- La promozione si applica su ordini pervenuti nel periodo di validità e che riportino il codice promozionale.
- Non cumulabile con altre promozioni in corso. L'offerta è valida su tutto il territorio nazionale e solo per Enti Pubblici, non per rivendita.
- Prodotti Gianni si riserva il diritto di sospendere o modificare la promozione in qualsiasi momento.
- I prodotti di grado GMP sono progettati per la ricerca; non sono destinati all'applicazione in vivo sull'uomo.

Featured GMP Grade Cytokines

| Citochina | Codice | Purezza | Host | Bioactivity (ED50) |
|-------------|--------------------------|---------|--------------|---|
| IL-21 | GMP-10584-HNAE DMF Filed | ≥95% | E. coli | Induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is 0.4-2 ng/mL. |
| IL-7 | GMP-11821-HNAE DMF Filed | ≥95% | E. coli | Cell proliferation assay using anti-CD3 antibody activated human peripheral blood mononuclear cell (PBMC). The ED50 for this effect is typically 0.5-8 ng/mL. The specific activity of Recombinant Human IL-7 is >100,000 units/µg, which is calibrated against the human IL-7 reference standard (NIBSC code: 90/530). |
| IL-2 | GMP-11848-HNAE | ≥95% | E. coli | Cell proliferation assay using CTLL2. The ED50 for this effect is typically 1-8 ng/mL. The specific activity of recombinant human IL-2 is approximately 20,000 IU/µg. |
| TNF | GMP-10602-HNAE | ≥95% | E. coli | Cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 3-30 pg/mL. The specific activity of recombinant human TNF-alpha is >36,000IU/µg, which is calibrated against the human TNF-alpha WHO International Standard (NIBSC code: 12/154). |
| IL-6 | GMP-10395-HNAE | ≥95% | E. coli | Cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 0.1-0.8 ng/mL. The specific activity of recombinant human IL-6 is >100,000IU/µg, which is calibrated against human IL-6 WHO International Standard (NIBSC code: 89/548). |
| IL-1B | GMP-10139-HNAE DMF Filed | ≥95% | E. coli | Induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 0.2-2 ng/mL. The specific activity of recombinant human IL-1 beta is >60,000 IU/µg, which is calibrated against the human IL-1 beta WHO International Standard (NIBSC code: 86/680). |
| IL-4 | GMP-11846-HNAE DMF Filed | ≥95% | E. coli | Cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 0.05-0.25 ng/mL. The specific activity of recombinant human IL-4 is >10,000 IU/µg which is calibrated against the human IL-4 WHO International Standard (NIBSC code: 88/656). |
| IL-15 | GMP-10360-HNAE DMF Filed | ≥95% | E. coli | Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is typically 3-12 ng/mL. |
| IL15 | GMP-10360-HNCE | ≥ 95 % | E. coli | Cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is typically 0.5-5 ng/mL. |
| IFN-γ | GMP-11725-HNAE | ≥95% | E. coli | Measured in anti-viral assays using WISH cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 8-80 pg/mL. |
| OSM | GMP-10452-HNAH | ≥95% | HEK293 Cells | Measured in a cell proliferation assay using TF-1 human erythroleukemic cells.The ED50 for this effect is typically 0.3-1.2 ng/mL.The specific activity of recombinant human OSM is >30,000 Units/µg, which is calibrated against the human OSM WHO International Standard (NIBSC code: 93/564). |
| IL12 | GMP-CT011-H08H | ≥ 95 % | HEK293 Cells | Induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 0.04-0.4 ng/mL. The specific activity of recombinant human IL-12 is >10,000 Units/µg, , which is calibrated against the human IL-12 WHO International Standard (NIBSC code: 95/544). |
| Activin A | GMP-10429-HNAH | ≥ 95 % | HEK293 Cells | Inhibited proliferation of MPC-11 cells. The ED50 for this effect is 0.5-5ng/mL. The specific activity of recombinant human Activin A is >1,000U/mg, which is calibrated against the human Activin A International Standard (NIBSC code: 91/626). |
| GM-CSF/CSF2 | GMP-10015-HNAH | ≥ 95 % | HEK293 Cells | Cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.06-0.3 ng/mL. |
| IL3 | GMP-11858-HNAE | ≥ 95 % | E. coli | Cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.15-0.75 ng/mL. |
| FGF10 | GMP-10573-HNAE | ≥ 95 % | E. coli | Cell proliferation assay using BaF3 mouse pro-B cells transfected with human FGFR2b. The ED50 for this effect is typically 3-30 ng/mL. |
| EGF | GMP-10605-HNAE | ≥ 95 % | E. coli | The specific activity of human EGF is >1,000 x IU/µg, which is calibrated against the human EGF WHO International Standard (NIBSC code: 91/530). |
| FGF2 | GMP-10014-HNAE | ≥ 95 % | E. coli | Cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.01-0.1 ng/mL. The specific activity of human FGF basic/FGF2 GMP is >1,000 IU/µg, which is calibrated against the human FGF basic/FGF2 WHO International Standard (NIBSC code: 90/712). |

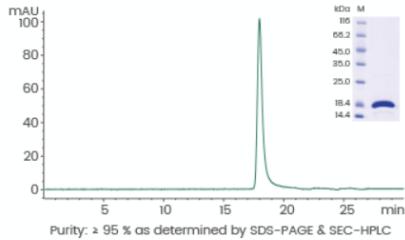
Codici in Promozione

| Codice | Descrizione | Conf. | Prezzo promozionale |
|----------------------|--|--------|---------------------|
| SIGMP-10014-HNAE-1 | FGF2 Protein, Human, Recombinant | 1 mg | 1.608,00 € |
| SIGMP-10014-HNAE-100 | FGF2 Protein, Human, Recombinant | 100 µg | 420,00 € |
| SIGMP-10014-HNAE-20 | FGF2 Protein, Human, Recombinant | 20 µg | 126,00 € |
| SIGMP-10015-HNAH-1 | GM-CSF/CSF2 Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.696,00 € |
| SIGMP-10015-HNAH-100 | GM-CSF/CSF2 Protein, Human, Recombinant, HPLC-verified | 100 µg | 1.032,00 € |
| SIGMP-10015-HNAH-20 | GM-CSF/CSF2 Protein, Human, Recombinant, HPLC-verified | 20 µg | 384,00 € |
| SIGMP-10139-HNAE-1 | IL-1 beta Protein, Human, Recombinant, HPLC-verified, DMF Filed | 1 mg | 2.514,00 € |
| SIGMP-10139-HNAE-100 | IL-1 beta Protein, Human, Recombinant, HPLC-verified, DMF Filed | 100 µg | 702,00 € |
| SIGMP-10139-HNAE-20 | IL-1 beta Protein, Human, Recombinant, HPLC-verified, DMF Filed | 20 µg | 258,00 € |
| SIGMP-10360-HNAE-1 | IL-15 Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.030,00 € |
| SIGMP-10360-HNAE-10 | IL-15 Protein, Human, Recombinant, HPLC-verified | 10 µg | 210,00 € |
| SIGMP-10360-HNAE-100 | IL-15 Protein, Human, Recombinant, HPLC-verified | 100 µg | 828,00 € |
| SIGMP-10360-HNCE-1 | IL-15 Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.030,00 € |
| SIGMP-10360-HNCE-10 | IL-15 Protein, Human, Recombinant, HPLC-verified | 10 µg | 210,00 € |
| SIGMP-10360-HNCE-100 | IL-15 Protein, Human, Recombinant, HPLC-verified | 100 µg | 828,00 € |
| SIGMP-10395-HNAE-1 | IL-6 Protein, Human, Recombinant | 1 mg | 3.150,00 € |
| SIGMP-10395-HNAE-100 | IL-6 Protein, Human, Recombinant | 100 µg | 882,00 € |
| SIGMP-10395-HNAE-20 | IL-6 Protein, Human, Recombinant | 20 µg | 324,00 € |
| SIGMP-10429-HNAH-1 | Activin A Protein, Human, Mouse, Rat, Cynomolgus, Rhesus, Recombinant, HPLC-verified | 1 mg | 3.696,00 € |
| SIGMP-10429-HNAH-100 | Activin A Protein, Human, Mouse, Rat, Cynomolgus, Rhesus, Recombinant, HPLC-verified | 100 µg | 1.032,00 € |
| SIGMP-10429-HNAH-20 | Activin A Protein, Human, Mouse, Rat, Cynomolgus, Rhesus, Recombinant, HPLC-verified | 20 µg | 384,00 € |
| SIGMP-10452-HNAH-1 | Oncostatin M/OSM Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.696,00 € |
| SIGMP-10452-HNAH-100 | Oncostatin M/OSM Protein, Human, Recombinant, HPLC-verified | 100 µg | 906,00 € |
| SIGMP-10452-HNAH-20 | Oncostatin M/OSM Protein, Human, Recombinant, HPLC-verified | 20 µg | 336,00 € |
| SIGMP-10573-HNAE-1 | FGF10 Protein, Human, Recombinant, HPLC-verified | 1 mg | 1.932,00 € |
| SIGMP-10573-HNAE-100 | FGF10 Protein, Human, Recombinant, HPLC-verified | 100 µg | 438,00 € |
| SIGMP-10573-HNAE-20 | FGF10 Protein, Human, Recombinant, HPLC-verified | 20 µg | 162,00 € |
| SIGMP-10584-HNAE-1 | IL21 Protein, Human, Recombinant, HPLC-verified, DMF Filed | 1 mg | 3.696,00 € |
| SIGMP-10584-HNAE-100 | IL21 Protein, Human, Recombinant, HPLC-verified, DMF Filed | 100 µg | 1.032,00 € |
| SIGMP-10584-HNAE-20 | IL21 Protein, Human, Recombinant, HPLC-verified, DMF Filed | 20 µg | 384,00 € |
| SIGMP-10602-HNAE-1 | TNF-alpha Protein, Human, Recombinant, HPLC-verified | 1 mg | 1.866,00 € |
| SIGMP-10602-HNAE-10 | TNF-alpha Protein, Human, Recombinant, HPLC-verified | 10 µg | 126,00 € |
| SIGMP-10602-HNAE-100 | TNF-alpha Protein, Human, Recombinant, HPLC-verified | 100 µg | 522,00 € |
| SIGMP-10605-HNAE-1 | EGF Protein, Human, Recombinant (ECD), HPLC-verified | 1 mg | 792,00 € |
| SIGMP-10605-HNAE-100 | EGF Protein, Human, Recombinant (ECD), HPLC-verified | 100 µg | 222,00 € |
| SIGMP-11725-HNAE-1 | IFN gamma Protein, Human, Recombinant, HPLC-verified | 1 mg | 1.086,00 € |
| SIGMP-11725-HNAE-100 | IFN gamma Protein, Human, Recombinant, HPLC-verified | 100 µg | 306,00 € |
| SIGMP-11725-HNAE-20 | IFN gamma Protein, Human, Recombinant, HPLC-verified | 20 µg | 120,00 € |
| SIGMP-11821-HNAE-1 | IL-7 Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.696,00 € |
| SIGMP-11821-HNAE-10 | IL-7 Protein, Human, Recombinant, HPLC-verified | 10 µg | 258,00 € |
| SIGMP-11821-HNAE-100 | IL-7 Protein, Human, Recombinant, HPLC-verified | 100 µg | 1.032,00 € |
| SIGMP-11846-HNAE-1 | IL-4 Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.696,00 € |
| SIGMP-11846-HNAE-100 | IL-4 Protein, Human, Recombinant, HPLC-verified | 100 µg | 1.032,00 € |
| SIGMP-11846-HNAE-20 | IL-4 Protein, Human, Recombinant, HPLC-verified | 20 µg | 384,00 € |
| SIGMP-11848-HNAE-50 | IL2 Protein, Human, Recombinant, HPLC-verified | 50 µg | 174,00 € |
| SIGMP-11848-HNAE-500 | IL2 Protein, Human, Recombinant, HPLC-verified | 500 µg | 822,00 € |
| SIGMP-11858-HNAE-1 | IL3 Protein, Human, Recombinant, HPLC-verified | 1 mg | 3.240,00 € |
| SIGMP-11858-HNAE-100 | IL3 Protein, Human, Recombinant, HPLC-verified | 100 µg | 906,00 € |
| SIGMP-11858-HNAE-20 | IL3 Protein, Human, Recombinant, HPLC-verified | 20 µg | 258,00 € |
| SIGMP-CT011-H08H-50 | IL-12 Protein, Human, Recombinant (His Tag), HPLC-verified | 50 µg | 684,00 € |
| SIGMP-CT011-H08H-500 | IL-12 Protein, Human, Recombinant (His Tag), HPLC-verified | 500 µg | 2.400,00 € |

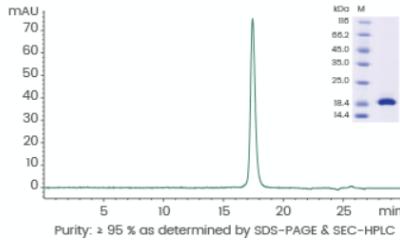
GMP Grade Cytokines: high purity, high bioactivity, high stability, high batch to batch consistency

High Purity

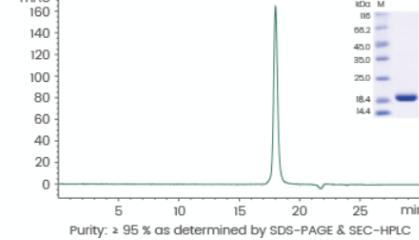
Human Interleukin-21 / IL-21 Protein
Cat#: GMP-10584-HNAE



Human IL7 / Interleukin 7 Protein
Cat#: GMP-11821-HNAE

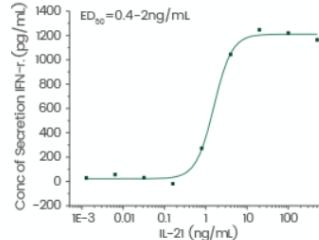


Human IL-1 beta / IL1B Protein
Cat#: GMP-10139-HNAE



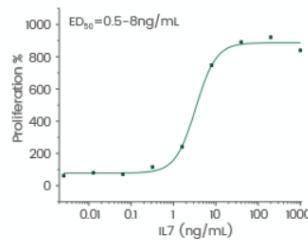
High Bioactivity

Human Interleukin-21 / IL-21 Protein
Cat#: GMP-10584-HNAE



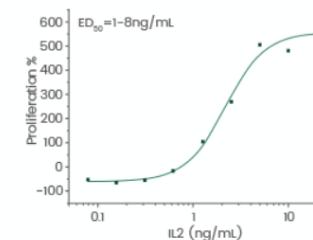
Induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells

Human IL7 / Interleukin 7 Protein
Cat#: GMP-11821-HNAE



Cell proliferation assay using anti-CD3 antibody activated human peripheral blood mononuclear cell (PBMC)

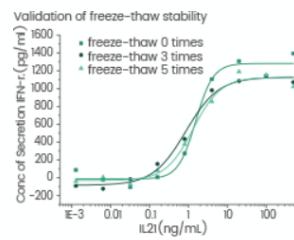
Human Interleukin-2 / IL-2 Protein
Cat#: GMP-11848-HNAE



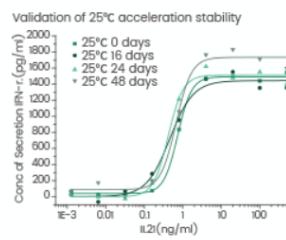
Cell proliferation assay using CTL2. The specific activity of recombinant human IL-2 is approximately 20,000 IU/μg

High Stability

Human Interleukin-21 / IL-21 Protein
Cat#: GMP-10584-HNAE

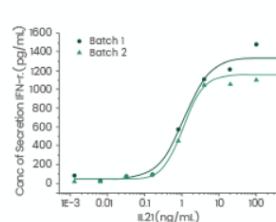


Induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells



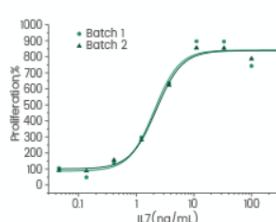
High Batch to Batch Consistency

Human Interleukin-21 / IL-21 Protein
Cat#: GMP-10584-HNAE



Induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells

Human IL7 / Interleukin 7 Protein
Cat#: GMP-11821-HNAE



Cell proliferation assay using anti-CD3 antibody activated human peripheral blood mononuclear cell (PBMC)

Quality Management and Quality Control System

Quality Management System

- Complies with the Good Manufacturing Practice
- Complies with ISO 9001:2015 and ISO 13485:2016
- FDA DMF filed
- Full regulatory support files (RSF)

Product Safety Testing System

- Bacterial endotoxin levels less than 5– 10 EU/mg
- Residual host cell protein levels less than 0.5 μg/mg (500ppm)
- Residual host cell DNA levels less than 100 pg/mg
- Mycoplasma testing
- Sterility testing
- Adventitious virus testing
- Abnormal toxicity testing

Quality Control System

- Complies with USP Chapter <1043> Ancillary Materials For Cell, Gene, and Tissue-engineered Products
- Complies with USP Chapter <92> Growth Factors and Cytokines Used in Cell Therapy Manufacturing
- Complies with the General Chapter of Chinese Pharmacopoeia, 2020 Edition, Volume III

Quality Assurance Management System

- Quality assurance management system
- Facility and equipment management system
- Raw material and supplier management system
- Document and record management system
- All documents and records are reviewed and approved by our quality assurance team