



CellGro® Preclinical Cytokines

Already early in preclinical stages it is important to use material of defined and documented quality which allows for an easy and seamless switch to clinical phases, where GMP level is required.

High-quality Preclinical Cytokines

CellGro® Preclinical Cytokines already show the major product & process characteristics of later GMP Cytokines. Safe, reliable, state-of-the-art. Designed for cost-effective preclinical research. This gives you an early advantage of our comprehensive know-how. CellGro® Preclinical Cytokines are produced recombinantly in *E. coli*.

Quality controls include

- Activity
- Sterility
- Endotoxin
- Purity

Quality documentation

- Certificate of analysis
- Product data sheet (available on home page)

Intended use

For preclinical ex vivo use.

Not intended for therapeutic use.

Minimum order: 10 µg and 50 µg

Composition: carrier-free

Shipment: at ambient temperature

CELLGRO®

Handling instructions

Reconstitution

Recommended in sterile H₂O (PBS) to a final concentration of 250 µg/ml (50 µg vials) or to 100 µg/ml (10 µg vials), respectively.

Dilution

Recommended in CellGro® serum-free medium. For dilution with PBS or base medium, a carrier protein (0.1–1% albumin or 1–10% appropriate serum) has to be included. Failure to dilute product according to these instructions may result in loss of activity.

Storage and stability

Store material at –20°C to –80°C.

Store diluted material at –20°C to –80°C.

Avoid multiple freeze / thaw cycles.

References

CellGro® products have already been used in a variety of settings. References can be requested at our Customer Service.





| CellGro® Preclinical Cytokines | Order no. (Size 10 µg) | Order no. (Size 50 µg) |
|--|---------------------------|---------------------------|
| CellGro® EGF recombinant human Epidermal Growth Factor | 1416-010 | 1416-050 |
| CellGro® bFGF (FGF-2) recombinant human basic Fibroblast Growth Factor | 1408-010 | 1408-050 |
| CellGro® Flt-3L recombinant human Flt-3 Ligand | 1415-010 | 1415-050 |
| CellGro® GM-CSF recombinant human Granulocyte-Macrophage Colony Stimulating Factor | 1412-010 | 1412-050 |
| CellGro® IL-1 beta recombinant human Interleukin-1 beta | 1411-010 | 1411-050 |
| CellGro® IL-2* recombinant human Interleukin-2 | 1420-010 | 1420-050 |
| CellGro® IL-3 recombinant human Interleukin-3 | 1402-010 | 1402-050 |
| CellGro® IL-4 recombinant human Interleukin-4 | 1403-010 | 1403-050 |
| CellGro® IL-6 recombinant human Interleukin-6 | 1404-010 | 1404-050 |
| CellGro® IL-7 recombinant human Interleukin-7 | 1410-010 | 1410-050 |
| CellGro® IL-10 recombinant human Interleukin-10 | 1414-010 | 1410-050 |
| CellGro® IL-15 recombinant human Interleukin-15 | 1413-010 | 1413-050 |
| CellGro® IL-21 recombinant human Interleukin-21 | 1419-010 | 1419-050 |
| CellGro® PDGF-BB recombinant human Platelet Derived Growth Factor | 1409-010 | 1409-050 |
| CellGro® SCF (<i>E. coli</i> derived) recombinant Stem Cell Factor | 1418-010 | 1418-050 |
| CellGro® SCF (S2 insect cell derived)¹⁾ recombinant Stem Cell Factor | 1401-010 | 1401-050 |
| CellGro® TNF-alpha recombinant human Tumor Necrosis Factor-alpha | 1406-010 | 1406-050 |
| CellGro® TPO recombinant human Thrombopoietin | 1417-010 | 1417-050 |

*) coming soon

¹⁾ SCF which is Schneider-2 insect cell derived, will be available as long as it is on stock.