



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)	Order no. (Size 250 µg)
CellGro® Activin A* recombinant human Activin A	1422-010	1422-050	-
CellGro® EGF recombinant human Epidermal Growth Factor	-	1416-050	1416-250
CellGro® FGF-2 (bFGF) recombinant human basic Fibroblast Growth Factor	1421-010	1421-050	-
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	1414-050	-
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 recombinant Stem Cell Factor	1418-010	1418-050	-
CellGro® TNF-alpha recombinant human Tumor Necrosis Factor-alpha	1406-010	1406-050	-
CellGro® TPO recombinant human Thrombopoietin	1417-010	1417-050	-

*] Coming soon