

CellGro® GMP Cytokines

CellGro® GMP Cytokines combine a maximum of quality and safety with excellent performance due to state-of-the-art production, quality control and documentation.

High-quality GMP Cytokines

CellGro® cytokines are manufactured recombinantly in *E. coli* under GMP conditions.

Quality controls include

- Specific activity
- Sterility (Ph. Eur.)
- Endotoxin (Ph. Eur.)
- Purity
- Identity
- Host-cell DNA

Quality documentation

- Certificate of analysis
- Product data sheet (available on home page)
- Drug Master File cross reference (on request)

Intended use

For clinical ex vivo use.

Not intended for human in vivo application.

Minimum order: 50 µg

Composition: carrier-free

Shipment: at ambient temperature

CELLGRO®

Handling instructions

Reconstitution

Recommended in 200 µl of sterile H₂O (PBS) to a final concentration of 250 µg/ml.

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

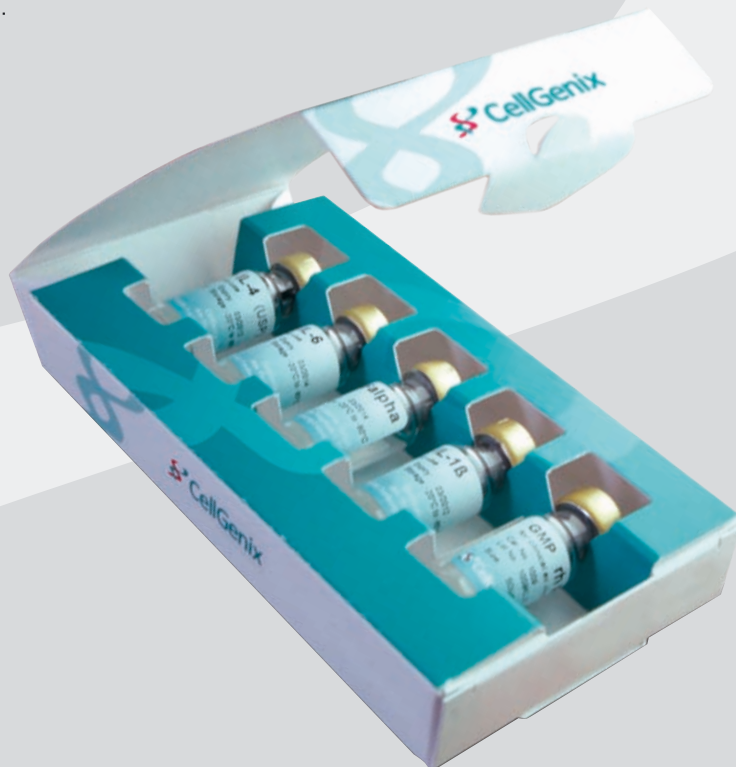
Store material at –20°C to –80°C.

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 and clinical trials. References can be requested at our Customer Service.



CellGro® GMP Cytokines	Order no. (Size 50 µg)
CellGro® EGF recombinant human Epidermal Growth Factor	1016-050
CellGro® bFGF (FGF-2) recombinant human basic Fibroblast Growth Factor	1008-050
CellGro® Flt-3L recombinant human Flt-3 Ligand	1015-050
CellGro® GM-CSF recombinant human Granulocyte Macrophage-Colony Stimulating Factor	1012-050
CellGro® IL-1 beta recombinant human Interleukin-1 beta	1011-050
CellGro® IL-2* recombinant human Interleukin-2	1020-050
CellGro® IL-3 recombinant human Interleukin-3	1002-050
CellGro® IL-4 recombinant human Interleukin-4	1003-050
CellGro® IL-6 recombinant human Interleukin-6	1004-050
CellGro® IL-7 recombinant human Interleukin-7	1010-050
CellGro® IL-10 recombinant human Interleukin-10	1014-050
CellGro® IL-15 recombinant human Interleukin-15	1013-050
CellGro® IL-21* recombinant human Interleukin-21	1019-050
CellGro® PDGF-BB recombinant human Platelet Derived Growth Factor-BB	1009-050
CellGro® SCF recombinant human Stem Cell Factor	1018-050
CellGro® TNF-alpha recombinant human Tumor Necrosis Factor-alpha	1006-050
CellGro® TPO recombinant human Thrombopoietin	1017-050

*) coming soon