

CXCL3, Human
Catalog # PVGS1384**Specification**

CXCL3, Human - Product Information

Primary Accession [P19876](#)
Species
Human

Sequence

ASVVTCLRCQ CLQTLQGIHL KNIQSVNVRS PGPHCAQTEV IATLKNGKKA CLNPASPMVQ KIEKILNKG STN

Purity

> 98% as analyzed by SDS-PAGE.

Endotoxin Level

< 0.2 EU/ µg, determined by LAL method.

Formulation

Lyophilized after extensive dialysis against PBS.

Reconstitution

Reconstituted in ddH₂O or PBS at 100 µg/ml.

CXCL3, Human - Additional Information

Gene ID 2921

Other Names

C-X-C motif chemokine 3, GRO-gamma(1-73), Growth-regulated protein gamma, GRO-gamma, Macrophage inflammatory protein 2-beta, MIP2-beta, GRO-gamma(5-73), CXCL3, GRO3, GROG, SCYB3

Target Background

Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family that is also known as GRO3 oncogene (GRO3), GRO protein gamma (GROg) and macrophage inflammatory protein-2-beta (MIP2b). CXCL3 controls migration and adhesion of monocytes and mediates its effect on its target cell by interacting with cell surface chemokine receptor CXCR2. It has been shown that CXCL3 regulates the migration of precursors of cerebellar granule neurons toward the internal layers of the cerebellum, during morphogenesis. Recombinant **humanGRO-gamma/CXCL3** produced in CHO cells is a polypeptide chain containing 73 amino acids. A fully biologically active molecule, rhGRO-gamma/CXCL3 has a molecular mass of 9kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

CXCL3, Human - Protein Information

Name CXCL3

Synonyms GRO3, GROG, SCYB3

Function

Ligand for CXCR2 (By similarity). Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion. In vitro, the processed form GRO-gamma(5-73) shows a fivefold higher chemotactic activity for neutrophilic granulocytes.

Cellular Location

Secreted.

CXCL3, Human - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CXCL3, Human - Images