

GRO-g Human, His

Description: GRO-Gamma Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 94 amino acids (35-107) and having a molecular mass of 7902 Dalton. The GRO-g is fused to 20 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic techniques.

Catalog #: CHPS-251

For research use only.

Synonyms: Macrophage inflammatory protein 2-beta, MIP2-beta, CXCL3, Growth-regulated protein gamma, GRO-gamma, GRO-gamma(1-73), GRO3, GROg, MIP2B, SCYB3, MIP-2b, CINC-2b, MGSA gamma.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MASVVELRC QCLQTLQGIH
LKNIQSVNVR SPGP HQTE VIATLKN GK ACLNPASPMV QKIIEKILNKGSTN.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The CXCL3 protein is formulated in 20mM Tris-HCl buffer pH-8, 1mM DTT and 20% glycerol.

Stability:

Liquid CXCL3 although stable at 10°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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 effects on its target cell by interacting with a cell surface chemokine receptor called CXCR2. The gene for CXCL3 is located on chromosome 4 in a cluster of other CXC chemokines.

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