

Recombinant Human Chemokine (C-X-C motif) Ligand 3, His-tagged

Cat. No. CXCL3-84H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CXCL3 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 10.1kDa (94aa).
Species	Human
Source	E.coli
Description	CXCL3/GRO α is a small cytokine belonging to the CXC chemokine family. 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.
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASVVELRC QCLQTLQGIH LKNIQSVNVR SPGPHC AQTE VIATLKN GKK ACLNPASPMV QKIIEKILNKGSTN.
Form	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol.
Purity	> 95% by SDS – PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Endotoxin Level	< 1.0 EU per 1 μ g of protein (determined by LAL method).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	CXCL3 chemokine (C-X-C motif) ligand 3
Synonyms	GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b; GRO-gamma; GRO-gamma(1-73); MIP2-beta; SCYB3; C-X-C motif chemokine 3; GRO3 oncogene; Growth-regulated protein gamma; MGSA gamma; chemokine (C-X-C motif) ligand 3; melanoma growth stimulatory activity gamma; Macrophage inflammatory protein 2-beta [Precursor]; MIP2B_HUMAN; CXCL3
Gene ID	2921
mRNA Refseq	NM_002090
Protein Refseq	NP_002081
MIM	139111
UniProt ID	P19876
Chromosome Location	4q21
Pathway	Cytokine-cytokine receptor interaction
Function	chemokine activity

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