

# Recombinant Human Chemokine (C-X-C motif) ligand 3, MBP-tagged

**Cat. No.** CXCL3-163H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant CXCL3 protein was expressed in E.coli and purified by using conventional chromatography techniques, 52591.7Da (481aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	(CXCL3) is a small cytokine belonging to the CXC chemokine family that is also known as GRO3 oncogene (GRO3), GRO protein gamma (GROγ) 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.
<b>Sequences of amino acids</b>	MAHATLSAAP SNPRLLRVAL LLLLLVAASR RAAGASVVE LRCQCLQTLQ GIHLKNIQSV NVRSPGPHCA QTEVIATLKN GKKACLNPAS PMVQKIIIEKI LINKGSTN
<b>Formulation</b>	Supplied in phosphate buffered saline (PBS) and 30% glycerol, pH 7.4 and contains not preservatives
<b>Application</b>	ELISA, WB, Antibody Production, Protein array
<b>Testing protocols</b>	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-MBP

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(WB) and peptide fingerprinting by MALDI-TOF mass spectrometry

## GENE INFORMATION

<b>Gene Name</b>	CXCL3 chemokine (C-X-C motif) ligand3 [Homo sapiens]
<b>Synonyms</b>	CXCL3; chemoking (C-X-C motif) ligand 3; GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b; GRO3 oncogene; C-X-C motif chemokine 3; GRO-gamma; MIP2-beta; MGSA gamma; GRO-gamma(1-73); growth-regulated protein gamma; macrophage inflammatory protein 2-beta; melanoma growth stimulatory activity gamma
<b>Gene ID</b>	2921
<b>mRNA Refseq</b>	NM_002090
<b>Protein Refseq</b>	NP_002081
<b>MIM</b>	139111
<b>UniProt ID</b>	P19876
<b>Chromosome Location</b>	4q21
<b>Pathway</b>	Chemokine signaling pathway; Cytokine-cytokine receptor interaction
<b>Function</b>	Chemokine activity

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