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

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

SPECIFICATION

Product Overview	Recombinant CXCL3 protein was expressed in E.coli and purified by using conventional chromatography techniques, 52591.7Da (481aa).
Species	Human
Source	E.coli
Description	(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 it 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.
Sequences of amino acids	MAHATLSAAP SNPRLLRVAL LLLLLVAASR RAAGASVVE LRCQCLQTLQ GIHLKNIQSV NVRSPGPHCA QTEVIATLKN GKKACLNPAS PMVQKIIEKI LINKGSTN
Formulation	Supplied in phosphate buffered saline (PBS) and 30% glycerol, pH 7.4 and contains not preservatives
Application	ELISA, WB, Antibody Production, Protein array
Testing protocols	10% SDS-PAGE stained with Coomassie Blue (CB), immunobloting with anti-MBP

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

GENE INFORMATION

Gene Name	CXCL3 chemokine (C-X-C motif) ligand3 [Homo sapiens]
Synonyms	CXCL3; chemoking (C-X-C motif) ligand 3; GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b; GRO3 oncegene; 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
Gene ID	2921
mRNA Refseq	NM_002090
Protein Refseq	NP_002081
MIM	139111
UniProt ID	P19876
Chromosome Location	4q21
Pathway	Chemokine signaling pathway; Cytokine-cytokine receptor interaction
Function	Chemokine activity

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