

Active Recombinant Human CXCL3

Cat. No. CXCL3-18H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human recombinant MIP-2 beta is produced in genetically engineered yeast, and purified by sequential chromatography.
Species	Human
Source	yeast
Description	This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils.
Form	In 0.1M ammonium acetate at a concentration of 0.50 mg protein/ml
Bio-activity	The biological activity of recombinant human MIP-2 beta is determined by its use as a cofactor for CSF-dependent myelopoiesis.
Purity	Over 95% pure by SDS gel electrophoresis, with low level of endotoxin.
Stability	Several months at -80°C.
Storage	Store at -80°C.

GENE INFORMATION

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Gene Name	CXCL3?chemokine (C-X-C motif) ligand 3 [?Homo sapiens?(human)]
Official Symbol	CXCL3
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	Chemokine receptors bind chemokines; Chemokine signaling pathway; G alpha (i) signalling events
Function	CXCR chemokine receptor binding; chemokine activity

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