

Active Recombinant Mouse Chemokine (C-X-C motif) Ligand 3, HlgG1 Fc-tagged

Cat. No. CXCL3-236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CXCL3 (AAH16308.1)(Ala35-Asn107) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell
Species	Human
Source	CHO
ProteinLength	35-107 a.a.
Description	CXCL3 (chemokine (C-X-C motif) ligand 3) is a protein-coding gene. Diseases associated with CXCL3 include ovarian epithelial cancer, and familial hypercholesterolemia, and among its related super-pathways are MIF Mediated Glucocorticoid Regulation and Chemokine signaling pathway. GO annotations related to this gene include chemokine activity.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to induce myeloperoxidase.
Molecular Mass	34KDa (monomer)
AA Sequence	Ala35-Asn107
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	CXCL3 chemokine (C-X-C motif) ligand 3 [Homo sapiens]
Official Symbol	CXCL3
Synonyms	CXCL3; chemokine (C-X-C motif) ligand 3; GRO3, GRO3 oncogene; C-X-C motif chemokine 3; CINC 2b; GROg; MIP 2b; SCYB3; GRO-gamma; MIP2-beta; MGSA gamma; GRO3 oncogene; GRO-gamma(1-73); growth-regulated protein gamma; macrophage inflammatory protein 2-beta; melanoma growth stimulatory activity gamma; GRO3; MIP2B; MIP-2b; CINC-2b;
Gene ID	2921
mRNA Refseq	NM_002090
Protein Refseq	NP_002081
MIM	139111
UniProt ID	P19876

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**Chromosome
Location**

4q21

Pathway

Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;

Function

chemokine activity;

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