

Recombinant Human CXCL2 Protein, DYKDDDDK-tagged

Cat. No. CXCL2-121H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C-X-C motif chemokine ligand 2(CXCL2)(NM_002089), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CXC subfamily, is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.62, without any preservatives.
Molecular Mass	11.2 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

 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

GENE INFORMATION

Gene Name	CXCL2 chemokine (C-X-C motif) ligand 2 [Homo sapiens]
Official Symbol	CXCL2
Synonyms	CXCL2; chemokine (C-X-C motif) ligand 2; GRO2, GRO2 oncogene; C-X-C motif chemokine 2; CINC 2a; GROb; MGSA b; MIP 2a; SCYB2; gro-beta; MGSA beta; MIP2-alpha; GRO2 oncogene; growth-regulated protein beta; macrophage inflammatory protein 2-alpha; melanoma growth stimulatory activity beta; GRO2; MIP2; MIP2A; MGSA-b; MIP-2a; CINC-2a;
Gene ID	2920
mRNA Refseq	NM_002089
Protein Refseq	NP_002080
MIM	139110
UniProt ID	P19875

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