

# Recombinant Full Length Human CXCL3 Protein, GST-tagged

**Cat. No.** CXCL3-2288HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CXCL3 full-length ORF ( NP_002081.2, 1 a.a. - 107 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 107 amino acids                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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. [provided by RefSeq, Sep 2014] |
| <b>Molecular Mass</b>   | 37.7 kDa                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MAHATLSAAPSNPRLLRVALLLLLLVAASRRRAAGASVVTELRCQCLQTLQGIHLKNIQ<br>SVNVRSPGPHCAQTEVIATLKNGKKACLNPA SP MVQKIIEKILNKGSTN                                                                                                                                                                                                   |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                    |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                               |

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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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