

## Active Recombinant Human CXCL8 Protein, Fc-tagged

Cat. No. IL8-31H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CXCL8 Protein(P10145-1)(Ser28-Ser99) is expressed from HEK293 with His tag at the C-Terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	28-99 aa
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Immobilized Human IL-8, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-IL-8 Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 9.5 kDa. Due to glycosylation, the protein migrates to 11-13 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** CXCL8 C-X-C motif chemokine ligand 8 [ Homo sapiens (human) ]

**Official Symbol** CXCL8

**Synonyms**

CXCL8; C-X-C motif chemokine ligand 8; IL8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAP; MDNCF; MONAP; NAP-1; SCYB8; interleukin-8; T-cell chemotactic factor; alveolar macrophage chemotactic factor I; beta endothelial cell-derived neutrophil activating peptide; beta-thromboglobulin-like protein; chemokine (C-X-C motif) ligand 8; emoctakin; granulocyte chemotactic protein 1; interleukin 8; lung giant cell carcinoma-derived chemotactic protein; lymphocyte derived neutrophil activating peptide; monocyte-derived neutrophil chemotactic factor; monocyte-derived neutrophil-activating peptide; neutrophil-activating peptide 1; small inducible cytokine subfamily B, member 8; tumor necrosis factor-induced gene 1

**Gene ID** 3576

**mRNA Refseq** NM\_000584

**Protein Refseq** NP\_000575

**MIM** 146930

**UniProt ID** P10145

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