# Recombinant Human CXCL8 Protein

**Cat. No.** CXCL8-084H **Lot. No.** (See product label)

## SPECIFICATION

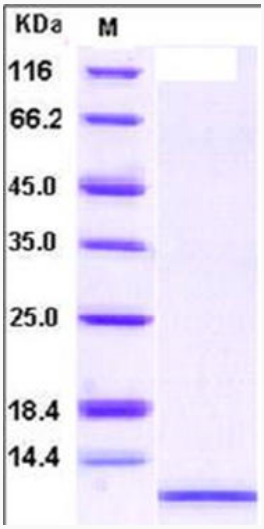
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| **Product Overview** | Recombinant Human CXCL8 Protein(Ala 23-Ser 99)(NP_000575.1) was expressed and purified in Human Cells. |
| **Species** | Human |
| **Source** | Human Cells |
| **ProteinLength** | 23-99 aa |
| **Form** | Lyophilized from sterile 100mM NaCl, 50mM Tris, pH 7.5. |
| **Molecular Mass** | The recombinant mature human cytokine IL8 comprising the 1-77 amino acids predicts a molecular mass of 8 kDa, and migrates as an approximately 12 kDa protein in SDS-PAGE due to glycosylation. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE |
| **Storage** | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

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## GENE INFORMATION

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| **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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| **SDS-PAGE** |  |



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