

## Recombinant Human CXCL10 Protein, His-tagged

**Cat. No.** CXCL10-524H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CXCL10 Protein(NP_001556.2)(22-98 aa), fused with C-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 22-98 aa                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 15 kDa                                                                                                                                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | ≥ 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.                                                                                                                                          |
| <b>Reconstitution</b>   | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to |

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minimize free-thaw cycles.

## GENE INFORMATION

**Gene Name** CXCL10 chemokine (C-X-C motif) ligand 10 [ Homo sapiens ]

**Official Symbol** CXCL10

**Synonyms** CXCL10; chemokine (C-X-C motif) ligand 10; INP10, SCYB10, small inducible cytokine subfamily B (Cys X Cys), member 10; C-X-C motif chemokine 10; C7; crg 2; gIP 10; IFI10; IP 10; mob 1; gamma IP10; gamma-IP10; small-inducible cytokine B10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein; protein 10 from interferon (gamma)-induced cell line; small inducible cytokine subfamily B (Cys-X-Cys), member 10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10;

**Gene ID** 3627

**mRNA Refseq** NM\_001565

**Protein Refseq** NP\_001556

**MIM** 147310

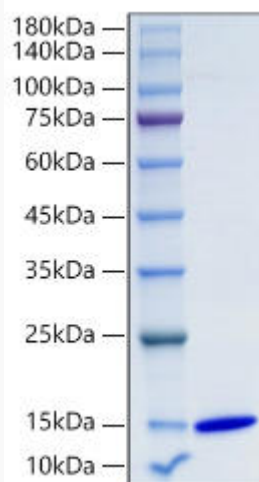
**UniProt ID** P02778

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SDS-PAGE



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