

PRODUCT INFORMATION

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|---|---|
| Target | CXCL10 |
| Synonyms | C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10 |
| Description | Recombinant human CXCL10 Protein with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P02778 |
| Expression Host | HEK293 |
| Tag | N-Human Fc tag |
| Molecular Characterization | hFc(Glu99-Ala330) CXCL10(Val22-Pro98) |
| Molecular Weight | The protein has a predicted molecular mass of 34.8 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. This gene may also be a key regulator of the 'cytokine storm' immune response to SARS-CoV-2 infection. [provided by RefSeq, Sep 2020] |
| Usage | Research use only |
| Conjugate | Unconjugated |



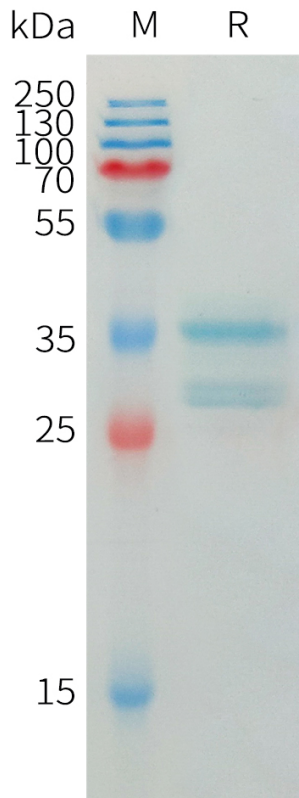


Figure 1. Human CXCL10 Protein, hFc Tag on SDS-PAGE under reducing condition.

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