

PRODUCT INFORMATION

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|---|---|
| Target | CXCL1 |
| Synonyms | FSP;GRO1;GROa;MGSA;MGSA-a;NAP-3;SCYB1 |
| Description | Recombinant Human CXCL1 with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P09341 |
| Expression Host | HEK293 |
| Tag | N-Human Fc Tag |
| Molecular Characterization | hFc(Glu99-Ala330) CXCL1(Ala35-Asn107) |
| Molecular Weight | The protein has a predicted molecular mass of 34.0 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CXCL1 is approximately 35-40 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% 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 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. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4. [provided by RefSeq, Sep 2014] |
| Usage | Research use only |
| Conjugate | Unconjugated |



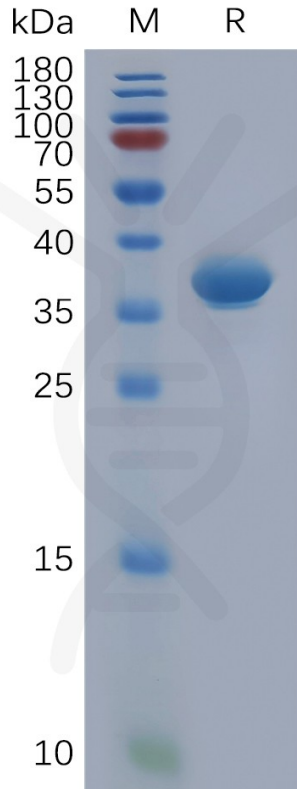


Figure 1. Human CXCL1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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