

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Target                       | CXCL14  |
| Synonyms                     | KEC; KS1; BMAC; BRAK; NJAC; MIP2G; MIP-2g; SCYB14   |
| Description                  | Recombinant human CXCL14 Protein with C-terminal human Fc tag   |
| Delivery                     | In Stock  |
| Uniprot ID                   | O95715  |
| Expression Host              | HEK293  |
| Tag                          | C-Human Fc tag  |
| Molecular Characterization   | CXCL14(Ser35-Glu111) hFc(Glu99-Ala330)  |
| Molecular Weight             | The protein has a predicted molecular mass of 35.6 kDa after removal of the signal peptide.   |
| Purity                       | The purity of the protein is greater than 85% 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 belongs to the cytokine gene family which encode secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. [provided by RefSeq, Sep 2014] |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |



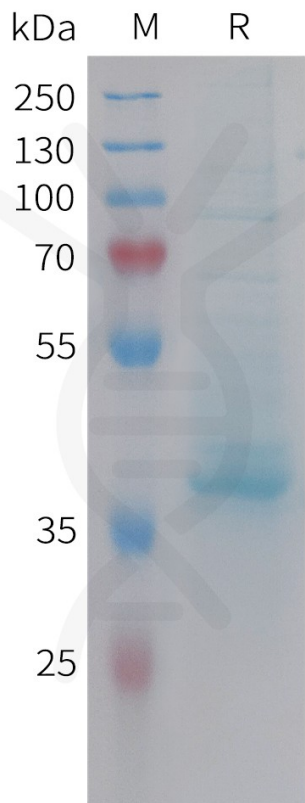


Figure 1. Human CXCL14 Protein, hFc Tag on SDS-PAGE under reducing condition.

