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

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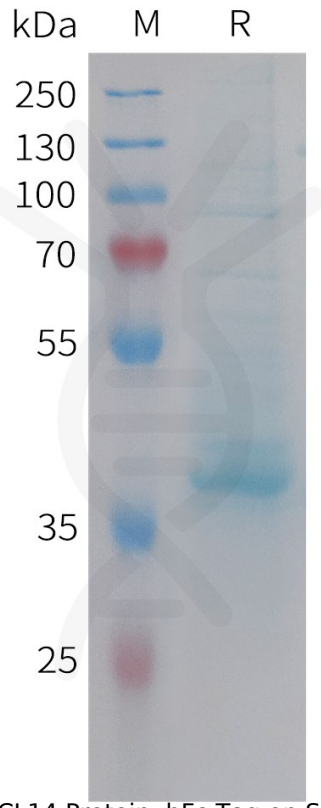


Figure 1. Human CXCL14 Protein, hFc Tag on SDS-PAGE under reducing condition.

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