PRODUCT INFORMATION

Target	CCL22
Synonyms	MDC; ABCD-1; SCYA22; STCP-1; DC/B-CK; A-152E5.1
Description	Recombinant human CCL22 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O00626
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	CCL22(Gly25-Gln93) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 34.2 kDa after removal of the signal peptide. The apparent molecular mass of CCL22-hFc is approximately 35-55 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 is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology. [provided by RefSeq, Sep 2014]
Usage	Research use only
Conjugate	Unconjugated

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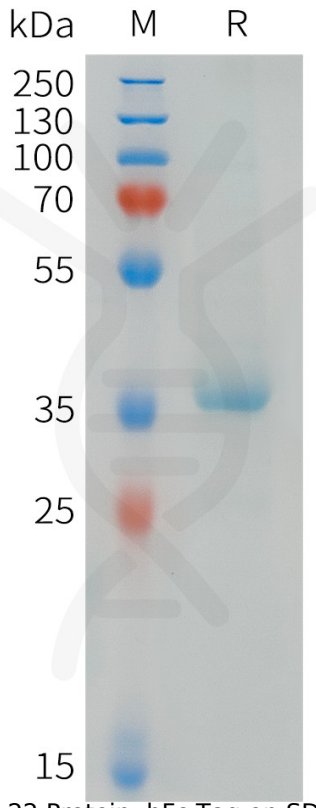


Figure 1. Human CCL22 Protein, hFc Tag on SDS-PAGE under reducing condition.

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