

PRODUCT INFORMATION

Target	CCL7
Synonyms	FIC; MARC; MCP3; NC28; MCP-3; SCYA6; SCYA7
Description	Recombinant human CCL7 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P80098
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	CCL7(Gln24-Leu99) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 35.1 kDa after removal of the signal peptide. The apparent molecular mass of CCL7-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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	This gene encodes monocyte chemotactic protein 3, a secreted chemokine which attracts macrophages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an <i>in vivo</i> substrate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular matrix. This gene is part of a cluster of C-C chemokine family members on chromosome 17q. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated





Figure 1. Human CCL7 Protein, hFc Tag on SDS-PAGE under reducing condition.

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