Human CXCR4 Protein, hFc Tag

Cat. No. PME100834

PRODUCT INFORMATION

Target	CXCR4
Synonyms	CD184;D2S201E;FB22;HM89;HSY3RR;LAP-3;LAP3;LCR1;LESTR;NPY3R;NPYR;NPYRL;NPYY3R;WHIM;WHIMS
Description	Recombinant Human CXCR4 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P61073
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CXCR4(Met1-Lys38) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 30.5 kDa after removal of the signal peptide. The apparent molecular mass of CXCR4-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 gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

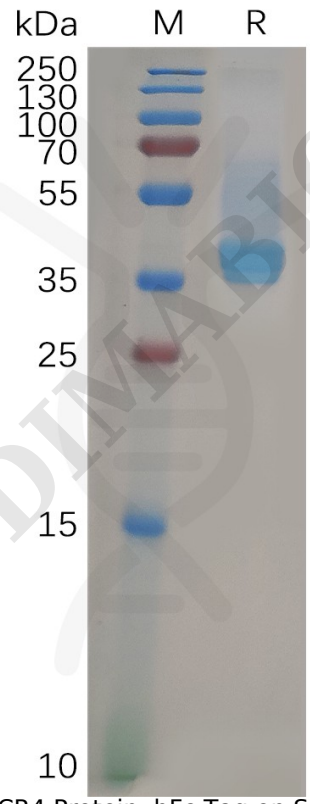


Figure 1. Human CXCR4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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