Human CXCR7 Protein, hFc Tag

Cat. No. PME100228

PRODUCT INFORMATION

Target	CXCR7
Synonyms	Atypical chemokine receptor 3;CXC-R7;CXCR-7;Chemokine orphan receptor 1;G-protein coupled receptor 159;RDC-1
Description	Recombinant human CXCR7 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P25106
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CXCR7(Met1-Lys40) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.0 kDa after removal of the signal peptide. The apparent molecular mass of CXCR7-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 member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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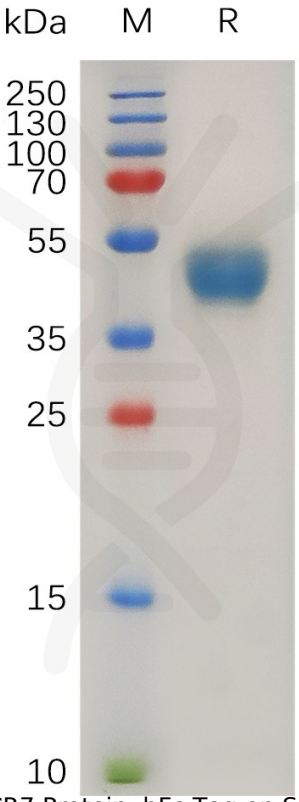


Figure 1. Human CXCR7 Protein, hFc Tag on SDS-PAGE under reducing condition.

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