PRODUCT INFORMATION

Target	CXCR1
Synonyms	C-C;C-C-CKR-1;CD128;CD181;CDw128a;CKR-1;CMKAR1;IL8R1;IL8RA;IL8RBA
Description	Recombinant human CXCR1 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P25024
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CXCR1(Met1-Lys39) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 30.6 kDa after removal of the signal peptide. The apparent molecular mass of CXCR1-hFc is approximately 40-55 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	The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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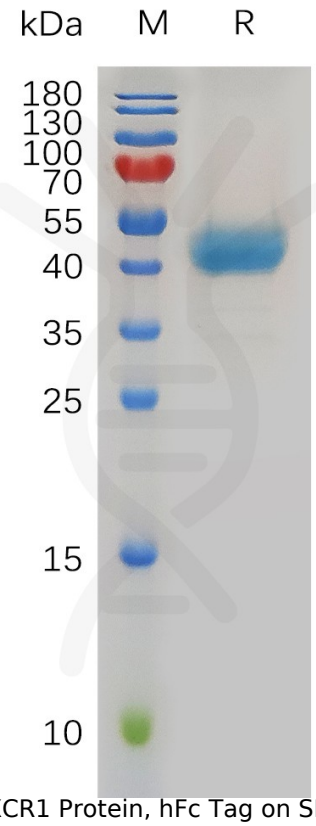


Figure 1. Human CXCR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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