PRODUCT INFORMATION

Target	XCR1
Synonyms	GPR5; CCXCR1
Description	Recombinant human XCR1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P46094
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	XCR1(Met1-Thr31) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 29.7 kDa after removal of the signal peptide. The apparent molecular mass of XCR1-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.
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 chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains. The encoded protein transduces a signal by increasing the intracellular calcium ion level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Some studies have implicated a cluster of genes at 3p21.31, including this gene, as associated with COVID-19 risk. The encoded protein may also play a role in cell proliferation and migration in several types of cancer. [provided by RefSeq, Jan 2023]
Usage	Research use only
Conjugate	Unconjugated

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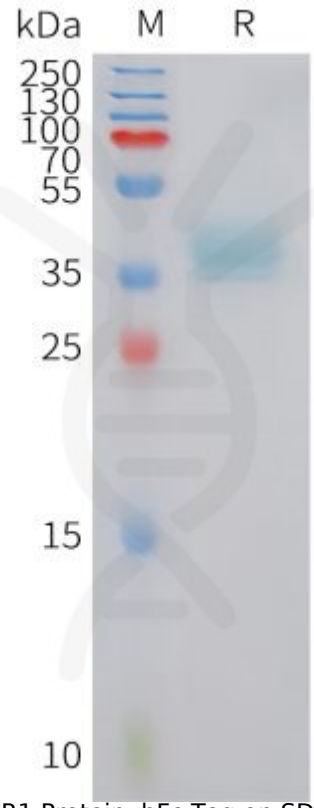


Figure 1. Human XCR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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