

PRODUCT INFORMATION

Target	CXCR1
Synonyms	Il8ra
Description	Recombinant mouse CXCR1(1-44) protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q810W6
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	Mouse CXCR1(Met1-Arg44)+hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.2 kDa after removal of the signal peptide.
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	Predicted to enable chemokine binding activity and chemokine receptor activity. Predicted to be involved in several processes, including calcium-mediated signaling; neutrophil chemotaxis; and receptor internalization. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Is expressed in bone marrow and lung. Human ortholog(s) of this gene implicated in human immunodeficiency virus infectious disease; pyelonephritis; and urinary tract infection. Orthologous to human CXCR1 (C-X-C motif chemokine receptor 1). [provided by Alliance of Genome Resources, Jul 2025]
Usage	Research use only
Conjugate	Unconjugated



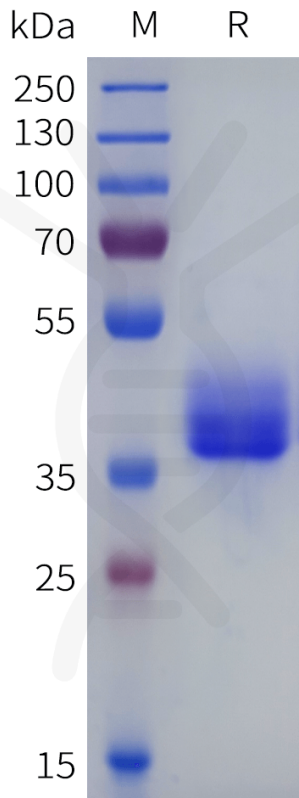


Figure 1. Mouse CXCR1(1-44) Protein, hFc Tag on SDS-PAGE under reducing condition.

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