

PRODUCT INFORMATION

| | |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target | CXCR2 |
| Synonyms | CD128, IL8RA, IL8rb, CDw128, Cmkar2, Gpcr16, IL-8Rh, IL-8rb, mL-8RH |
| Description | Recombinant mouse CXCR2(1-47) protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P35343 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | Mouse CXCR2(Met1-Ser47) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 31.4 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. |
| Background | Enables chemokine receptor activity. Acts upstream of or within negative regulation of apoptotic process. Predicted to be located in several cellular components, including cell surface; mast cell granule; and mitotic spindle. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; embryo mesenchyme; epithelium; and heart. Human ortholog(s) of this gene implicated in IgA glomerulonephritis; WHIM syndrome 2; acute pyelonephritis; end stage renal disease; and urinary bladder cancer. Orthologous to human CXCR2 (C-X-C motif chemokine receptor 2). [provided by Alliance of Genome Resources, Jul 2025] |
| Usage | Research use only |



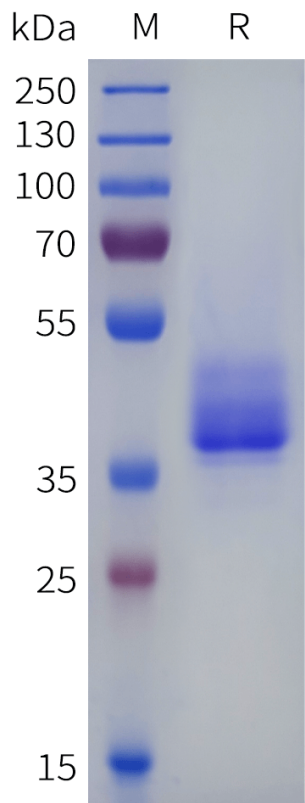


Figure 1. Mouse CXCR2(1-47) Protein, hFc Tag on SDS-PAGE under reducing condition.

