

32-17964: Recombinant Human CXCR3 Protein, mFc Tag

Uniprot ID : P49682

Alternative Name : CXC-R3, CXCR-3, CKR-L2, IP-10 receptor, CD183, GPR9

Description

Molecular Characterization: CXCR3(Met1-Arg53) mFc(Pro99-Lys330)

Molecular weight: The protein has a predicted molecular mass of 32.1 kDa after removal of the signal peptide. The apparent molecular mass of CXCR3-mFc is approximately 25-55 kDa due to glycosylation.

Description: Recombinant human CXCR3 protein with C-terminal mouse Fc tag

This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID: 12782716).

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.