

HUMAN CXCR3 FULL LENGTH PROTEIN

Cat.#: 11034

Product Name: Human CXCR3 Full Length Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD182; CD183; CKR-L2; CMKAR3; GPR9; IP10-R; Mig-R; MigR

Target: CXCR3

UNIPROT ID: P49682

Description: Human CXCR3 full length protein-synthetic nanodisc

Background: This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon- γ), CXCL10/IP10 (interferon- γ -inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell α -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). [provided by RefSeq, Jun 2011]

Species/Host: HEK293

Molecular Weight: The human full length CXCR3 protein has a MW of 40.5 kDa

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.