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Datasheet for ABIN7491147 CXCR3 Protein (mFc Tag)

Overview

Quantity:	100 µg
Target:	CXCR3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCR3 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human CXCR3 protein with C-terminal mouse Fc tag
Specificity:	CXCR3 (Met1-Arg53) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CXCR3
Alternative Name:	CXCR3 (CXCR3 Products)
Background:	<p>CXC-R3, CXCR-3, CKR-L2, IP-10 receptor, CD183, GPR9</p> <p>Description: 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 a-chemoattractant).</p>

Target Details

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]

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

UniProt: [P49682](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months