



CXCR3 blocking peptide (CDBP5351)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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). 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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CXCR3 chemokine (C-X-C motif) receptor 3 [Homo sapiens (human)]
Official Symbol	CXCR3
Synonyms	CXCR3; chemokine (C-X-C motif) receptor 3; GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R; C-X-C chemokine receptor type 3; CXC-R3; CXCR-3; Mig receptor; IP10

receptor; IP-10 receptor; G protein-coupled receptor 9; chemokine (C-X-C) receptor 3;
interferon-inducible protein 10 receptor

Entrez Gene ID	2833
mRNA Refseq	NM_001142797
Protein Refseq	NP_001136269
UniProt ID	P49682
Pathway	CXCR3-mediated signaling events; Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding
Function	C-X-C chemokine binding; C-X-C chemokine receptor activity; chemokine binding; chemokine receptor activity; receptor activity