Recombinant Full Length Human CXCR3 Protein

Cat. No. CXCR3-718HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CXCR3(1 a.a. - 368 a.a.)was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	368 amino acids
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).
Form	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	40.7 kDa
AA Sequence	MVLEVSDHQV LNDAEVAALL ENFSSSYDYG ENESDSCCTS PPCPQDFSLN FDRAFLPALY SLLFLLGLLG NGAVAAVLLS RRTALSSTDT FLLHLAVADT LLVLTLPLWA VDAAVQWVFG SGLCKVAGAL FNINFYAGAL LLACISFDRY

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	LNIVHATQLY RRGPPARVTL TCLAVWGLCL LFALPDFIFL SAHHDERLNA THCQYNFPQV GRTALRVLQL VAGFLLPLLV MAYCYAHILA VLLVSRGQRR LRAMRLVVVV VVAFALCWTP YHLVVLVDIL MDLGALARNC GRESRVDVAK SVTSGLGYMH CCLNPLLYAF VGVKFRERMW MLLLRLGCPN QRGLQRQPSS SRRDSSWSET SEASYSGL
Applications	Antibody Production; Functional Study; Compound Screening
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CXCR3 chemokine (C-X-C motif) receptor 3 [Homo sapiens]
Official Symbol	CXCR3
Synonyms	CXCR3; chemokine (C-X-C motif) receptor 3; G protein coupled receptor 9 , GPR9; C-X-C chemokine receptor type 3; CD183; CKR L2; CMKAR3; IP10 R; MigR; 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; GPR9; CD182; Mig-R; CKR-L2; IP10-R;
Gene ID	2833
mRNA Refseq	NM_001504
Protein Refseq	NP_001495
MIM	300574
UniProt ID	P49682

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