

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 LLVLTLP LWA VDAAVQWVFG SGLCKVAGAL FNINFYAGAL LLACISFDRY

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LNIVHATQLY RRGPPARVTL TCLAVWGLCL LFALPDFIFL SAHHDERLNA
 THCQYNFPQV GRTALRVLQL VAGFLLPLL V 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; CXCR-3; 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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