

Recombinant Full Length Human CXCR3 Protein, GST-tagged

Cat. No. CXCR3-717HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CXCR3(1 a.a. - 368 a.a.) fused with GST tag at N-terminal 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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	67.1 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

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

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

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UniProt ID

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