

Recombinant Human CX3CR1

Cat. No. CX3CR1-28062TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CX3CR1 protein with a proprietary tag; predicted mwt: 65.12 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	355 amino acids
Description	Fractalkine is a transmembrane protein and chemokine involved in the adhesion and migration of leukocytes. The protein encoded by this gene is a receptor for fractalkine. The encoded protein also is a coreceptor for HIV-1, and some variations in this gene lead to increased susceptibility to HIV-1 infection and rapid progression to AIDS. Four transcript variants encoding two different isoforms have been found for this gene.
Molecular Weight	65.120kDa
Tissue specificity	Expressed in lymphoid and neural tissues.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Reduced Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDQFPESVTENFEYDDLAEACYIGDIVVFGTVFLSIFYSVIFAIGLVGNLLVVFALTNSK KPKSVTDIYLLNLALSDLLFVATLPFWTHYLINEKGLHNAMCKFTTAFFFIGFFGSIFFI TVISIDRYLAIVLAANSMMNNRTVQHGVTSISLGWAAAAILVAAPQFMFTKQKENECLGD YPEVLQEIWVPLRNVETNFLGFLPLLIMSYCYFRIIQTLSCKNHKKAKAIKLILLVVIV FFLFWTPYNVMIFLETCLKLYDFFPSCDMRKDLRLALSVTETVAFSHCCLNPLIYAFAG EKFRRLYLYHLYGKCLAVLCGRSVHVDFFSSSESQRSRHGSVLSSNFTYHTSDGDALL LL
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
GENE INFORMATION	
Gene Name	CX3CR1 chemokine (C-X3-C motif) receptor 1 [Homo sapiens]
Official Symbol	CX3CR1
Synonyms	CX3CR1; chemokine (C-X3-C motif) receptor 1; chemokine (C X3 C) receptor 1 , CMKBRL1, GPR13; CX3C chemokine receptor 1; CCRL1; CMKDR1; V28;
Gene ID	1524
mRNA Refseq	NM_001171171
Protein Refseq	NP_001164642
MIM	601470

Uniprot ID	P49238
Chromosome Location	3p21.3
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem;
Function	C-X3-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; protein binding; receptor activity;

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