

# Recombinant Human CX3CR1

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CX3CR1 protein with a proprietary tag; predicted mwt: 65.12 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	355 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	65.120kDa
<b>Tissue specificity</b>	Expressed in lymphoid and neural tissues.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Reduced Glutathione

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Uniprot ID</b>	P49238
<b>Chromosome Location</b>	3p21.3
<b>Pathway</b>	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;
<b>Function</b>	C-X3-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; protein binding; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA