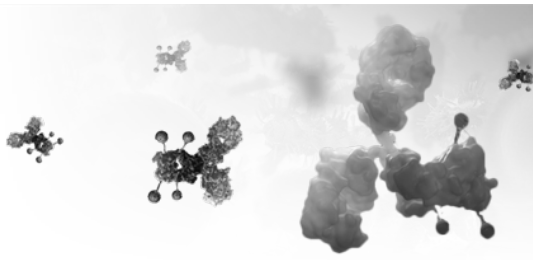

Human CX3CR1 peptide (DAG-P0338)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jan 2010]
Specificity	Expressed in lymphoid and neural tissues.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CX3CR1 chemokine (C-X3-C motif) receptor 1 [Homo sapiens (human)]
Official Symbol	CX3CR1
Synonyms	CX3CR1; chemokine (C-X3-C motif) receptor 1; V28; CCRL1; GPR13; CMKDR1; GPRV28; CMKBRL1; CX3C chemokine receptor 1; CMK-BRL1; CMK-BRL-1; C-X3-C CKR-1; fractalkine receptor; G protein-coupled receptor 13; G-protein coupled receptor 13; chemokine (C-X3-C) receptor 1; beta chemokine receptor-like 1; chemokine (C-C) receptor-like 1;

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Entrez Gene ID	1524
mRNA Refseq	NM_001171171.1
Protein Refseq	NP_001164642.1
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; Cytokine-cytokine receptor interaction, conserved biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Peptide GPCRs, orga
Function	C-X3-C chemokine receptor activity; chemokine receptor activity; protein binding;

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