



# CX3CR1 blocking peptide (DAG-P1322)

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

## PRODUCT INFORMATION

<b>Antigen 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. [provided by RefSeq, Jan 2010]
<b>Specificity</b>	Expressed in lymphoid and neural tissues.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Sequence Similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Format</b>	Liquid
<b>Buffer</b>	PBS with 0.1% BSA 0.02% sodium azide pH7.2
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CX3CR1 chemokine (C-X3-C motif) receptor 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CX3CR1
<b>Synonyms</b>	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;

Entrez Gene ID	<a href="#">1524</a>
mRNA Refseq	<a href="#">NM_001171171.1</a>
Protein Refseq	<a href="#">NP_001164642.1</a>
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;