

## Product datasheet for **RC207022L4V**

### **CX3CR1 (NM\_001337) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	CX3CR1 (NM_001337) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CX3CR1
Synonyms:	CCRL1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001337
ORF Size:	1065 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207022).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001337.3</a>
RefSeq Size:	3108 bp
RefSeq ORF:	1068 bp
Locus ID:	1524
UniProt ID:	<a href="#">P49238</a>
Cytogenetics:	3p22.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



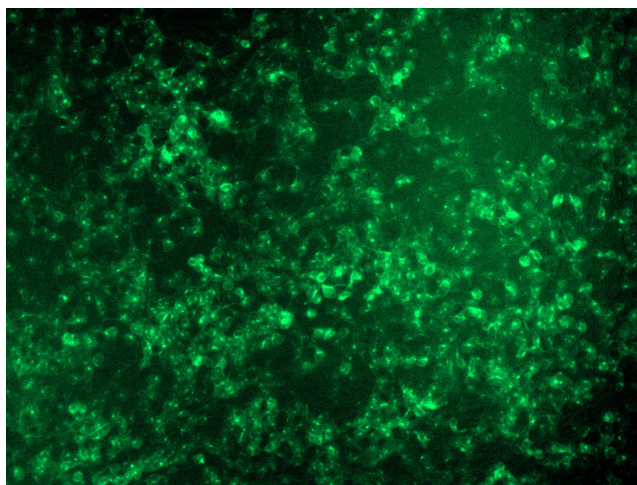
[View online »](#)

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**MW:** 40.4 kDa

**Gene Summary:** 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]

### Product images:



[RC207022L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207022L4V particle to overexpress human CX3CR1-mGFP fusion protein.