

Product datasheet for **RC207019L4V**

CXCR1 (NM_000634) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CXCR1 (NM_000634) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CXCR1
Synonyms:	C-C; C-C-CKR-1; CD128; CD181; CDw128a; CKR-1; CMKAR1; IL8R1; IL8RA; IL8RBA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000634
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207019).
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. More info
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:	NM_000634.2
RefSeq Size:	2502 bp
RefSeq ORF:	1053 bp
Locus ID:	3577
UniProt ID:	P25024
Cytogenetics:	2q35
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Epithelial cell signaling in Helicobacter pylori infection

MW: 39.8 kDa

Gene Summary: The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq, Jul 2008]