

## Product datasheet for **RC202459L4V**

### Chemokine Receptor D6 (ACKR2) (NM\_001296) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Chemokine Receptor D6 (ACKR2) (NM_001296) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Chemokine Receptor D6
Synonyms:	CCBP2; CCR9; CCR10; CMKBR9; D6; hD6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001296
ORF Size:	1152 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202459).
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_001296.3</a>
RefSeq Size:	2978 bp
RefSeq ORF:	1155 bp
Locus ID:	1238
UniProt ID:	<a href="#">O00590</a>
Cytogenetics:	3p22.1
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**MW:** 43.4 kDa

**Gene Summary:** This gene encodes a beta chemokine receptor, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptor-mediated signal transduction are critical for the recruitment of effector immune cells to the inflammation site. This gene is expressed in a range of tissues and hemopoietic cells. The expression of this receptor in lymphatic endothelial cells and overexpression in vascular tumors suggested its function in chemokine-driven recirculation of leukocytes and possible chemokine effects on the development and growth of vascular tumors. This receptor appears to bind the majority of beta-chemokine family members; however, its specific function remains unknown. This gene is mapped to chromosome 3p21.3, a region that includes a cluster of chemokine receptor genes. [provided by RefSeq, Jul 2008]