

Product datasheet for **RC221283L4V**

CCR2 (NM_000648) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CCR2 (NM_000648) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CCR2 |
| Synonyms: | CC-CKR-2; CCR2A; CCR2B; CD192; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_000648 |
| ORF Size: | 1080 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC221283). |
| 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_000648.1 , NP_000639.1 |
| RefSeq Size: | 1979 bp |
| RefSeq ORF: | 1082 bp |
| Locus ID: | 1231 |
| Cytogenetics: | 3p21.31 |
| Domains: | 7tm_1 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| MW: | 40.9 kDa |



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Gene Summary:

This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene. [provided by RefSeq]