

## Product datasheet for **RC218490L2V**

### CD1C (NM\_001765) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | CD1C (NM_001765) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | CD1C   |
| Synonyms:                 | BDCA1; CD1; CD1A; R7   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001765  |
| ORF Size:                 | 999 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218490).   |
| 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_001765.1</a>  |
| RefSeq Size:              | 2592 bp  |
| RefSeq ORF:               | 1002 bp  |
| Locus ID:                 | 911  |
| UniProt ID:               | <a href="#">P29017</a>   |
| Cytogenetics:             | 1q23.1   |
| Protein Families:         | Druggable Genome, Transmembrane  |
| Protein Pathways:         | Hematopoietic cell lineage   |



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**MW:** 37.7 kDa

**Gene Summary:** This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known. [provided by RefSeq, Jul 2008]