

Product datasheet for **RC222343L4V**

CD229 (LY9) (NM_001033667) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CD229 (LY9) (NM_001033667) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CD229 |
| Synonyms: | CD229; hly9; mLY9; SLAMF3 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001033667 |
| ORF Size: | 579 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222343). |
| 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_001033667.2 |
| RefSeq Size: | 1525 bp |
| RefSeq ORF: | 582 bp |
| Locus ID: | 4063 |
| UniProt ID: | Q9HBG7 |
| Cytogenetics: | 1q23.3 |
| Protein Families: | Transmembrane |
| MW: | 21.2 kDa |



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Gene Summary:

LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM, Mar 2008]