

Product datasheet for **RC208654L2V**

CD31 (PECAM1) (NM_000442) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CD31 (PECAM1) (NM_000442) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CD31 |
| Synonyms: | CD31; CD31/EndoCAM; endoCAM; GPIIA'; PECA1; PECAM-1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_000442 |
| ORF Size: | 2214 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC208654). |
| 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_000442.3 , NP_000433.2 |
| RefSeq Size: | 3754 bp |
| RefSeq ORF: | 2217 bp |
| Locus ID: | 5175 |
| UniProt ID: | P16284 |
| Cytogenetics: | 17q23.3 |
| Domains: | ig, IGc2, IG |
| Protein Families: | Druggable Genome, ES Cell Differentiation/IPS, Transmembrane |



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Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

MW: 82.4 kDa

Gene Summary: The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010]