

Product datasheet for **RC209761L2V**

VCAM1 (NM_001078) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | VCAM1 (NM_001078) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | VCAM1 |
| Synonyms: | CD106; INCAM-100 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001078 |
| ORF Size: | 2217 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209761). |
| 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_001078.2 , NP_001069.1 |
| RefSeq Size: | 3220 bp |
| RefSeq ORF: | 2220 bp |
| Locus ID: | 7412 |
| UniProt ID: | P19320 |
| Cytogenetics: | 1p21.2 |
| Domains: | ig, IGv, IGc2, IG |
| Protein Families: | Druggable Genome, ES Cell Differentiation/IPS, Transmembrane |



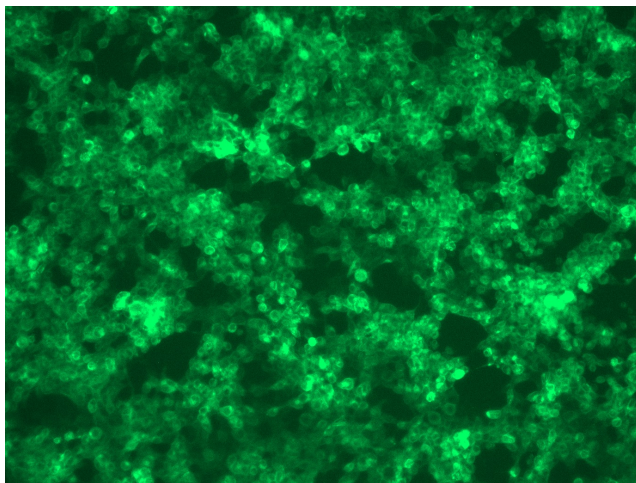
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Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

MW: 81.3 kDa

Gene Summary: This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]

Product images:



[RC209761L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209761L2V particle to overexpress human VCAM1-mGFP fusion protein.