

## Product datasheet for **RC213353L4V**

### VCAM1 (NM\_080682) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	VCAM1 (NM_080682) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VCAM1
Synonyms:	CD106; INCAM-100
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080682
ORF Size:	1941 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213353).
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_080682.2</a> , <a href="#">NP_542413.1</a>
RefSeq Size:	2944 bp
RefSeq ORF:	1944 bp
Locus ID:	7412
UniProt ID:	<a href="#">P19320</a>
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:** 71.3 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 arteriosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]