

Product datasheet for **RC219251L4V**

CD166 (ALCAM) (NM_001627) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD166 (ALCAM) (NM_001627) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD166
Synonyms:	CD166; MEMD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001627
ORF Size:	1749 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219251).
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_001627.2
RefSeq Size:	4923 bp
RefSeq ORF:	1752 bp
Locus ID:	214
UniProt ID:	Q13740
Cytogenetics:	3q13.11
Domains:	ig
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



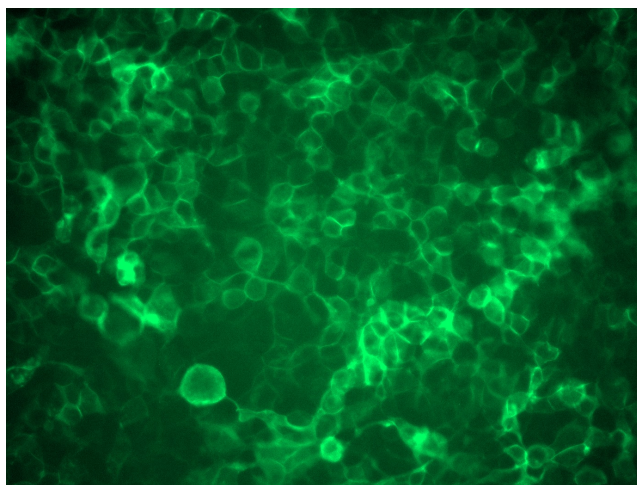
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Protein Pathways: Cell adhesion molecules (CAMs)

MW: 65.6 kDa

Gene Summary: This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Aug 2011]

Product images:



[RC219251L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC219251L4V particle to overexpress human ALCAM-mGFP fusion protein.