

Product datasheet for **RC218813L2V**

CD47 (NM_001777) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD47 (NM_001777) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD47
Synonyms:	IAP; MER6; OA3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001777
ORF Size:	969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218813).
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_001777.3
RefSeq Size:	5346 bp
RefSeq ORF:	972 bp
Locus ID:	961
UniProt ID:	Q08722
Cytogenetics:	3q13.12
Domains:	CD47
Protein Families:	Druggable Genome, Transmembrane



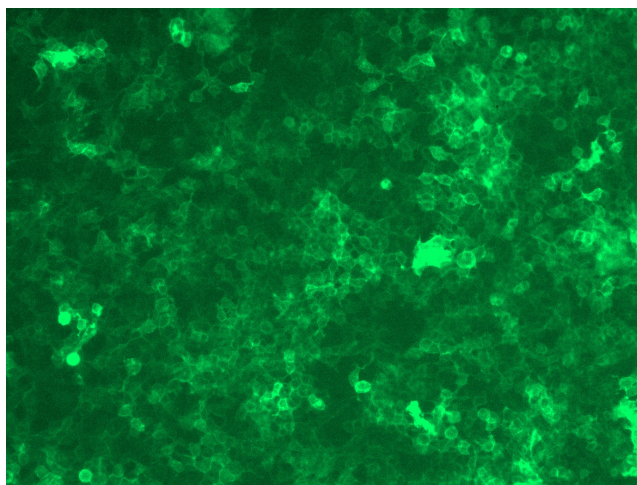
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Protein Pathways: ECM-receptor interaction

MW: 35.21 kDa

Gene Summary: This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2010]

Product images:



[RC218813L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC218813L2V particle to overexpress human CD47-mGFP fusion protein.