

## Product datasheet for **RC200457L2V**

### CD82 (NM\_002231) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CD82 (NM_002231) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD82
Synonyms:	4F9; C33; GR15; IA4; KAI1; R2; SAR2; ST6; TSPAN27
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002231
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200457).
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_002231.3</a>
RefSeq Size:	1715 bp
RefSeq ORF:	804 bp
Locus ID:	3732
UniProt ID:	<a href="#">P27701</a>
Cytogenetics:	11p11.2
Domains:	transmembrane4
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** p53 signaling pathway

**MW:** 29.4 kDa

**Gene Summary:** This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]