OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC200457L3V

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:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
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. 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_002231.3
RefSeq Size:	1715 bp
RefSeq ORF:	804 bp
Locus ID:	3732
UniProt ID:	P27701
Cytogenetics:	11p11.2
Domains:	transmembrane4
Protein Families:	Druggable Genome, Transmembrane

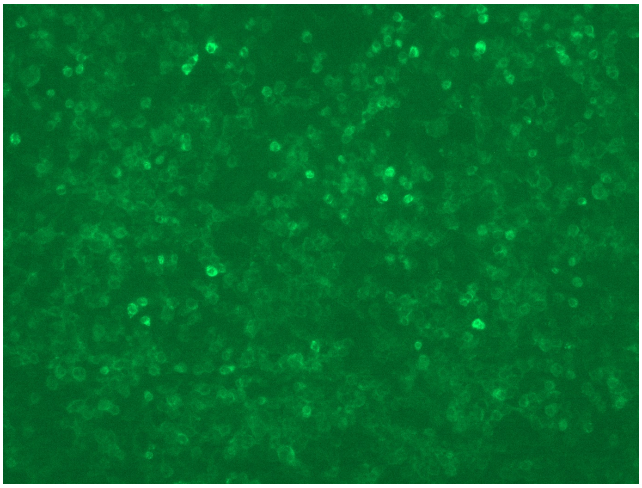
View online »

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]

Product images:



[RC200457L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200457L3V particle to overexpress human CD82-Myc-DDK fusion protein.