

Product datasheet for **RC201962L4V**

SDPR (CAVIN2) (NM_004657) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SDPR (CAVIN2) (NM_004657) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CAVIN2
Synonyms:	cavin-2; PS-p68; SDPR; SDR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004657
ORF Size:	1275 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201962).
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_004657.4
RefSeq Size:	3234 bp
RefSeq ORF:	1278 bp
Locus ID:	8436
UniProt ID:	O95810
Cytogenetics:	2q32.3
MW:	47 kDa



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Gene Summary:

This gene encodes a calcium-independent phospholipid-binding protein whose expression increases in serum-starved cells. This protein is a substrate for protein kinase C (PKC) phosphorylation and recruits polymerase I and transcript release factor (PTRF) to caveolae. Removal of this protein causes caveolae loss and its over-expression results in caveolae deformation and membrane tubulation.[provided by RefSeq, Sep 2009]