Product datasheet for RC203748L4V

SIVA (SIVA1) (NM_021709) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIVA (SIVA1) (NM_021709) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIVA
Synonyms:	CD27BP; SIVA; Siva-1; Siva-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021709
ORF Size:	330 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203748).
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_021709.2
RefSeq Size:	595 bp
RefSeq ORF:	333 bp
Locus ID:	10572
UniProt ID:	O15304
Cytogenetics:	14q32.33
Protein Families:	Druggable Genome
MW:	11.8 kDa

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Gene Summary: This gene encodes an E3 ubiquitin ligase that regulates cell cycle progression, cell proliferation and apoptosis. The N-terminus of this protein binds to the cytoplasmic tail of the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. In response to UV radiation-induced DNA damage, this protein has been shown to mediate the ubiquitination of proliferating cell nuclear antigen (PCNA), an important step in translesion DNA synthesis. [provided by RefSeq, Sep 2018]