

Product datasheet for **RC227886L4V**

C7orf16 (PPP1R17) (NM_001145123) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C7orf16 (PPP1R17) (NM_001145123) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C7orf16
Synonyms:	C7orf16; GSBS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145123
ORF Size:	312 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227886).
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_001145123.2 , NP_001138595.1
RefSeq Size:	1813 bp
RefSeq ORF:	315 bp
Locus ID:	10842
UniProt ID:	O96001
Cytogenetics:	7p14.3
Protein Pathways:	Long-term depression
MW:	12 kDa



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Gene Summary:

The protein encoded by this gene is found primarily in cerebellar Purkinje cells, where it functions as a protein phosphatase inhibitor. The encoded protein is a substrate for cGMP-dependent protein kinase. An allele of this gene was discovered that increases susceptibility to hypercholesterolemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]