

Product datasheet for **RC215004L2V**

PPP1R3A (NM_002711) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP1R3A (NM_002711) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R3A
Synonyms:	GM; PP1G; PPP1R3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002711
ORF Size:	3366 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215004).
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_002711.2 , NP_002702.1
RefSeq Size:	4296 bp
RefSeq ORF:	3369 bp
Locus ID:	5506
UniProt ID:	Q16821
Cytogenetics:	7q31.1
Protein Families:	Druggable Genome, Phosphatase, Transmembrane
Protein Pathways:	Insulin signaling pathway



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MW: 125.8 kDa

Gene Summary: The glycogen-associated form of protein phosphatase-1 (PP1) derived from skeletal muscle is a heterodimer composed of a 37-kD catalytic subunit and a 124-kD targeting and regulatory subunit. This gene encodes the regulatory subunit which binds to muscle glycogen with high affinity, thereby enhancing dephosphorylation of glycogen-bound substrates for PP1 such as glycogen synthase and glycogen phosphorylase kinase. [provided by RefSeq, Jul 2008]