

Product datasheet for **RR215588L3V**

PPP1R3C (NM_001012072) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP1R3C (NM_001012072) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R3C
Synonyms:	PTG; R5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001012072
ORF Size:	951 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR215588).
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_001012072.1 , NP_001012072.1
RefSeq Size:	2783 bp
RefSeq ORF:	954 bp
Locus ID:	309513
UniProt ID:	Q5U2R5
Cytogenetics:	1q53



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Gene Summary:

Acts as a glycogen-targeting subunit for PP1 and regulates its activity. Activates glycogen synthase, reduces glycogen phosphorylase activity and limits glycogen breakdown. Dramatically increases basal and insulin-stimulated glycogen synthesis upon overexpression in a variety of cell types (By similarity).[UniProtKB/Swiss-Prot Function]