

Product datasheet for **RC220738L4V**

PPP4R2 (NM_174907) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP4R2 (NM_174907) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPP4R2
Synonyms:	PP4R2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_174907
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220738).
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_174907.1
RefSeq Size:	1497 bp
RefSeq ORF:	1254 bp
Locus ID:	151987
UniProt ID:	Q9NY27
Cytogenetics:	3p13
Protein Families:	Phosphatase
MW:	46.7 kDa



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Gene Summary:

The protein encoded by this gene is a regulatory subunit of the serine/threonine-protein phosphatase 4 complex. In addition to being required for efficient DNA double strand break repair, this complex plays a role in organization of microtubules at centrosomes and processing of spliceosomal snRNPs. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]