

## Product datasheet for **RC209027L4V**

### PPP2R3A (NM\_002718) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP2R3A (NM_002718) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPP2R3A
Synonyms:	PPP2R3; PR72; PR130
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002718
ORF Size:	3450 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209027).
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. <a href="#">More info</a>
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:	<a href="#">NM_002718.3</a>
RefSeq Size:	6814 bp
RefSeq ORF:	3453 bp
Locus ID:	5523
UniProt ID:	<a href="#">Q06190</a>
Cytogenetics:	3q22.2-q22.3
Domains:	EFh
Protein Families:	Druggable Genome, Phosphatase



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**MW:** 130.2 kDa

**Gene Summary:** This gene encodes one of the regulatory subunits of the protein phosphatase 2. Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B'' family. The B'' family has been further divided into subfamilies. The product of this gene belongs to the alpha subfamily of regulatory subunit B''. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Jun 2010]