

## Product datasheet for **RC212689L4V**

### **DARPP32 (PPP1R1B) (NM\_032192) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DARPP32 (PPP1R1B) (NM_032192) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DARPP32
Synonyms:	DARPP-32; DARPP32
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032192
ORF Size:	612 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212689).
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_032192.2</a>
RefSeq Size:	1841 bp
RefSeq ORF:	615 bp
Locus ID:	84152
UniProt ID:	<a href="#">Q9UD71</a>
Cytogenetics:	17q12
Protein Families:	Druggable Genome
MW:	22.8 kDa


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**Gene Summary:**

This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]