

## Product datasheet for RC212689L2V

## OriGene Technologies, Inc.

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## 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:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_032192

ORF Size: 612 bp

**ORF Nucleotide** 

TI 005 '

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

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.

**RefSeg:** NM 032192.2

 RefSeq Size:
 1841 bp

 RefSeq ORF:
 615 bp

 Locus ID:
 84152

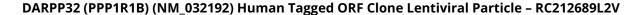
 UniProt ID:
 Q9UD71

Cytogenetics: 17q12

**Protein Families:** Druggable Genome

MW: 22.8 kDa







## **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]