

Product datasheet for RR215588L3V

OriGene Technologies, Inc.

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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:Ppp1r3cSynonyms: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

The ORF insert of this clone is exactly the same as(RR215588).

Sequence:

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: <u>NM 001012072.1</u>, <u>NP 001012072.1</u>

 RefSeq Size:
 2783 bp

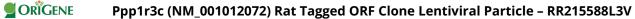
 RefSeq ORF:
 954 bp

 Locus ID:
 309513

 UniProt ID:
 Q5U2R5

 Cytogenetics:
 1q53







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]