

Product datasheet for **RC207987L3V**

PPP1R3D (NM_006242) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PPP1R3D (NM_006242) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PPP1R3D |
| Synonyms: | PPP1R6 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_006242 |
| ORF Size: | 897 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC207987). |
| 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_006242.3 |
| RefSeq Size: | 3481 bp |
| RefSeq ORF: | 900 bp |
| Locus ID: | 5509 |
| UniProt ID: | O95685 |
| Cytogenetics: | 20q13.33 |
| Domains: | CBM_21 |
| Protein Families: | Druggable Genome, Phosphatase |



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Protein Pathways: Insulin signaling pathway

MW: 32.6 kDa

Gene Summary: Phosphorylation of serine and threonine residues in proteins is a crucial step in the regulation of many cellular functions ranging from hormonal regulation to cell division and even short-term memory. The level of phosphorylation is controlled by the opposing actions of protein kinases and protein phosphatases. Protein phosphatase 1 (PP1) is 1 of 4 major serine/threonine-specific protein phosphatases which have been identified in eukaryotic cells. PP1 associates with various regulatory subunits that dictate its subcellular localization and modulate its substrate specificity. Several subunits that target PP1 to glycogen have been identified. This gene encodes a glycogen-targeting subunit of PP1. [provided by RefSeq, Jul 2008]