

### **Product datasheet for RC218316L3**

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# PPP2R5D (NM\_180977) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: PPP2R5D (NM\_180977) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: PPP2R5D

Synonyms: B56D; B56delta; MRD35

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC218316).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_180977

ORF Size: 1488 bp





#### PPP2R5D (NM\_180977) Human Tagged Lenti ORF Clone - RC218316L3

**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.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

**RefSeq:** <u>NM 180977.1</u>

 RefSeq Size:
 2649 bp

 RefSeq ORF:
 1491 bp

 Locus ID:
 5528

 UniProt ID:
 014738

Cytogenetics: 6p21.1

**Protein Families:** Phosphatase

**Protein Pathways:** Oocyte meiosis, Wnt signaling pathway

**MW:** 58.3 kDa

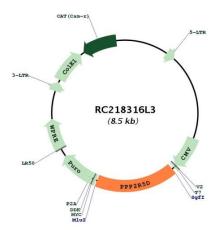
**Gene Summary:** The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein

phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms

have been identified. [provided by RefSeq, Jul 2008]



## **Product images:**



Circular map for RC218316L3