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# Product datasheet for RC206033L4V

## PPP2R5E (NM_006246) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | PPP2R5E (NM_006246) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | PPP2R5E |
| **Synonyms:** | B56E; B56epsilon |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_006246 |
| **ORF Size:** | 1401 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC206033). |
| **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_006246.3 |
| **RefSeq Size:** | 4123 bp |
| **RefSeq ORF:** | 1404 bp |
| **Locus ID:** | 5529 |
| **UniProt ID:** | Q16537 |
| **Cytogenetics:** | 14q23.2 |
| **Domains:** | B56 |
| **Protein Families:** | Druggable Genome, Phosphatase |

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

**MW:** 55.2 kDa

**Gene Summary:** The protein encoded by 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 an epsilon isoform of the regulatory subunit B56 subfamily. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]