

## Product datasheet for **SC207934**

### PPP2R2D (NM\_018461) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PPP2R2D (NM_018461) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPP2R2D
Synonyms:	B55D; B55delta; MDS026
ACCN:	NM_018461
Insert Size:	2000 bp



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**Insert Sequence:**

>SC207934 3'UTR clone of NM\_018461

The sequence shown below is from the reference sequence of NM\_018461. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTGTACATATTCCAGGACAAAATCAACTAGAGACGCGAACGTGAGGACCAAGTCTTGTCTTGCATAGTT
AAGCCGGACATTTTTCTGTGACAGAAAAGGCATCATTGTCGCTCCATTAGAACAGTGACGCACCTGC
TACTTCCCTTACAGACACAGGAGAAAAGCCGCTCCGCTGGAGGCCCGGTGTGGTTCCGCTCGGCGAG
GCGCGAGACAGGCGTGTGCTCACGTGGAGACGCTCTCGAAGCAGAGTTGACGGACACTGCTCCAAA
AGGTCATTACTCAGAATAAATGTATTTATTTTTCAGTCCGAGCCTTCTTTCCAATTTATAGACAAAAAA
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ACACTTGGGCCTTCACTGCAGCGTGGTGTGGCCACCGTCCGTGCTCTCGGCCCTTCTCCGAGTCCAG
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TGCCCGCTGTGTTTCTGTAGAAGTAGCCATCAGATACACCAGGTAAGGTCTGGGAAAAGCCAGAACCG
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CCTGTGGAGATGGAGGTGTGTGCTGATCCCCGTCCGCTGTGGAGATGAAGGTGTGTGTTGATTCTC
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TGCCTGTGCCCTGTGGAGAAGGAGGTGTGTGCTGATCCCTGTGCCCTGTGGAGATGGAGGTGTGTGC
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GTGGAGATGAAGGTGTGTGCTGATCCCCATCCCCCTGTGGAGATGAAGGGATATGCTGATCCCTGTCC
CACTGTGGAGATGAAGGGGTGTGCTGATCCCCGTCCCCCTGTGGAGATGAAGGTGTGTGCTGATCCCC
CATCTCCCTGTGGAGATGAAGGGGTGTGCCAATCCCCCGGCCCTGTGGAGATGGAGGCGTGTGCTGA
TCCCCATCCCCCTGTGGAGATGAAGGTGTGTGCTGATCCCCATCCCCATGTGGAGATGAAGGGGTGTG
TTGATCCCTGTCCCTGTGGAGATGGTGTGTGCTGATCCCCGTCCCCCTGTGGAGATGAAGGTGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**Restriction Sites:**

Sgfl-MluI

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:**

[NM\\_018461.5](#)

**Summary:**

B regulatory subunit of protein phosphatase 2A (PP2A) that plays a key role in cell cycle by controlling mitosis entry and exit. The activity of PP2A complexes containing PPP2R2D (PR55-delta) fluctuate during the cell cycle: the activity is high in interphase and low in mitosis. During mitosis, activity of PP2A is inhibited via interaction with phosphorylated ENSA and ARPP19 inhibitors. Within the PP2A complexes, the B regulatory subunits modulate substrate selectivity and catalytic activity, and also may direct the localization of the catalytic enzyme to a particular subcellular compartment (By similarity).[UniProtKB/Swiss-Prot Function]

**Locus ID:**

55844

**MW:**

74.7