

## Product datasheet for **SC214660**

### PPP3CB (NM\_001142353) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PPP3CB (NM_001142353) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPP3CB
Synonyms:	CALNA2; CALNB; CNA2; PP2Bbeta
ACCN:	NM_001142353
Insert Size:	1839 bp



[View online »](#)

**Insert Sequence:** >SC214660 3'UTR clone of NM\_001142353  
The sequence shown below is from the reference sequence of NM\_001142353. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACGGGACGGGCAACCATACTGCCAGTACCCACTACTTCCAGGGACTCTCACATCTCGGGCCCCAA
ATGGACAGATCACCCGAGGAGCTGGAGGGTCCGCCAAGCTGACTGTAATTTACAGTCTCTCTGAAG
AAACCATTGTGCTTCTGAGACCTAGCCCCCTTCTGGATGGAGGCTTGAGGGCCCTGGGACATGTGCT
ATCTGATAAGATTGGGTATCGCTGCCAAGGTGGAGAGCAGTGAGCAAGGGGCTTGGGGCAATTTCCAG
TGGAGGGCATCCACACCTCCATTTTATGCTTGTGGTTCACACATTTAAGTTTACAAATCAGATTTCTTT
TCCCTTCAGTAGAATTAGATTTTGTCTTCAATCATGATTTCAAATGCAATCCTAAGAGCTAATGTGG
ACTTTTCTTTTCCATGAAATGTCTTAAAGGATGAATTAGCATGGTCTTAAAATACATTTCTGAGGTT
ACTAGCTGATTTTGAATTGTGAGCAAAATGCCGAGAAACCCAGTTGGCATTATACAAAATGTTGACC
TCAGGTCTATAGTTCTTAAATGTGGTAATTCTGTAAACATAGTCTTGGTATTTTTAATTATGAATGCA
TATCCTATTTCCAGGCAGGCTCTTACTTGAACACAAATCCAAAACTAATTTAGAGTCTTTTTTGGC
CAGATCTTTTAAAGACTTACCCCGAGATTTAAGAAGAAAACCTCTAAATTTCAAATTTATGAAGAAT
TACAGAATTACTCATTTAAGGACTTTAAAAGAAGTTGTACATTGTCAAAGTAAATTTAATCAAAT
CATGTCTGTAAACTTGACGTATTTTGTGTATGCATGTTTTCAATTTGCAAAATTTAATATATAGACC
TATGATGTACAGGTACGACATGTATAGGTTACCTAGATGTTATGAGAAATTTAGTTTATTGTGAGTAC
TCAAGTTGCTTAGAGAGCCACCAGGGTGATTTGCTGCTGGCTTTCTATCATTTTTATGTTTTAATGCAA
AGGAAATTTTAAATGTTCTGGAAGTGTTTTGTATTAAAGCAATGCAGCCTAGAAGCAATGGTTCTGTTT
AATCATTAGATGTTAGTGGAAGCATAAAAGTCAAGACTGCATGTTGAAACCTTTCTTTTATAGTTTAC
TGAAGTCTTGGTTAACTAAATGGAACCATGTGCTAATTTTTCACAATTATTGACCTGTATTGATTGC
CACTGTAGTTTGGTATTTCCCTTACTTTGGTGGCCTGCTTCCCTCATGCCCTGGAATACAACCTCAGAG
CTCCAGGCAGCGGAACCATCTATTGTTTTGTTGCCAGAAAGTGCACCCTGTATGGTCTCCTGTCTAAG
TTGAAATATTATGCATGTGCAGGACTATTCGAGTATTTTATAAACAGTAGCACACAATAAATCCATG
CATGGGCCGCTGCTCCTATCTCTGTGTTGGGTTTTATTTGGAAGATGCAATCTGATTTGCCTTTTGTG
GCAAAATCAGAAAATCCTGTTACTAGAGCTGGGATGTCCTCCGGAGATTATCTCGTGGATAGTTCATGGT
AATTTGATTAATTAATTTCTTTATAAATTTTGCCTTAAAAAACTTTTGTATATACTTGTTTTACAT
GAGCATTAGTAACTGAGCACTAGAGGACTTTGAATGCCTACTGTAGGCCTCCTAAGTCTAATATTTAAG
ATCACTGTTTATTGTCTTTAATTGAAAGAAAATATGTTATTGTCTAGAATTTTGTATAGTGGTATTG
GGAATTTACTGGGTGTTCTAACAATAAGAAAATATTAGTGATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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\\_001142353.3](#)

**Summary:** Calcium-dependent, calmodulin-stimulated protein phosphatase which plays an essential role in the transduction of intracellular Ca(2+)-mediated signals (PubMed:19154138, PubMed:26794871). Dephosphorylates and activates transcription factor NFATC1 (PubMed:19154138). Dephosphorylates and inactivates transcription factor ELK1 (PubMed:19154138). Dephosphorylates DARPP32 (PubMed:19154138).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 5532

**MW:** 70.7