

## Product datasheet for **SC214677**

### PPP3CB (NM\_001142354) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PPP3CB (NM_001142354) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPP3CB
Synonyms:	CALNA2; CALNB; CNA2; PP2Bbeta
ACCN:	NM_001142354
Insert Size:	1839 bp



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**Insert Sequence:** >SC214677 3'UTR clone of NM\_001142354  
 The sequence shown below is from the reference sequence of NM\_001142354. 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
CACGGGACGGGCAACCATACTGCCAGTACCCTACTTCCCAGGGACTCTCACATCTCGGGCCCCAA
ATGGACAGATCACCCGAGGAGCTGGAGGGTCCGCCAAGCTGACTGTAATTTACAGTCTCTCTGAAG
AAACCATTGTGCTTCTGAGACCTAGCCCCCTTCTGGATGGAGGCTTGAGGGCCCTGGGACATGTGCT
ATCTGATAAGATTGGGTATCGCTGCCAAGGTGGAGAGCAGTGAGCAAGGGGCTTGGGGCAATTTCCAG
TGGAGGGCATCCACACCTCCATTTATGCTTGTGGTTCACACATTTAAGTTTACAAATCAGATTTCTTT
TCCCTTCAGTAGAATTAGATTTGTTTTCAATCATGATTTCAAATGCAATCCTAAGAGCTAATGTGG
ACTTTTCTTTTCCATGAAATGTCTTTAAAGGATGAATTAGCATGGTCTTAAAATACATTTCTGAGGTT
ACTAGCTGATTTTGAATTGTGAGCAAAATGCCGAGAAACCCAGTTGGCATTATACAAAATGTTGACC
TCAGGTCTATAGTTCTTAAATGTGGTAATTCTGTAAACATAGTCTTGGTATTTTTAATTATGAATGCA
TATCCTATTTCCAGGCAGGCTCTTACTTGAACACAAATCCAAAACTAATTTAGAGTCTTTTTGCC
CAGATCTTTTAAAGACTTACCCCGAGAGATTTAAGAAGAAAACCTCTAAATTTCAAATTTATGAAGAAT
TACAGAATTACTCATTTAAGGTAATTTAAAGAAGTTGTACATTGTCAAAGTAAATTTAATCAAAT
CATGTCTGTAAACTTGACGTATTTTGTGTATGCATGTTTTCAATTTGCAAAATTTAATATATAGACC
TATGATGTACAGGTACGACATGTATAGGTTACCTAGATGTTATGAGAAATTTAGTTTATTGTGAGTAC
TCAAGTTGCTTAGAGAGCCACCAGGGTGATTTGCTGCTGGCTTTCTATCATTTTTATGTTTTAATGCAA
AGGAAATTTTAAATGTTCTGGAAGTGTTTTTGATTAAGCAATGCAGCCTAGAAGCAATGGTTCTGTTT
AATCATTAGATGTTAGTGGAAGCATAAAAGTCAAGACTGCATGTTGAAACCTTTCTTTTGATAGTTAC
TGAAGTCTTGGTTAAACTAAATGGAACCATGTGCTAATTTTTCACAATTATTGACCTGTATTGATTGC
CACTGTAGTTTGGTATTTCCCTTACTTTGGTGGCCTGCTTCCCTCATGCCCTGGAATACAACCTCAGAG
CTCCAGGCAGCGGAACCATCTATTGTTTTGTTGCCAGAAAGTGCACCCTGTATGGTCTCCTGTCTAAG
TTGAAATATTATGCATGTGCAGGACTATTCGAGTATTTATAAACAGTAGCACACAATAAATCCATG
CATGGGCCGCTGCTCCTATCTCTGTGTTGGTTTTATTTGGAAGATGCAATCTGATTTGCCTTTTGAT
GCAAAATCAGAAAATCCTGTTACTAGAGCTGGGATGTCCTCCGGAGATTATCTCGTGGATAGTTCATGGT
AATTTGATTAATTAATTTCTTTATAAATTTTGCCTTAAAAAACTTTTGTATATACTTGTTTTACAT
GAGCATTAGTAAGTACTGAGCACTAGAGGACTTTGAATGCCTACTGTAGGCCTCCTAAGTCTAATATTTAAG
ATCACTGTTTATTGTCTTTAATTGAAAGAAAATATGTTATTGTCTAGAATTTTGTATAGTGGTATTG
GGAATTTACTGGGTGTTCTAACAAATAAGAAAATATTAGTGATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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**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\\_001142354.3](#)

**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