

Product datasheet for **SC214675**

PPP3CB (NM_021132) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPP3CB (NM_021132) Human 3' UTR Clone
Symbol:	PPP3CB
Synonyms:	CALNA2; CALNB; CNA2; PP2Bbeta
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021132
Insert Size:	1839 bp



[View online »](#)

Insert Sequence: >SC214675 3'UTR clone of NM_021132
 The sequence shown below is from the reference sequence of NM_021132. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACGGGACGGGCAACCATACTGCCAGTGACCCACTACTTCCAGGGACTCTCACATCTCGGGCCCAA
ATGGACAGATCACCCGAGGAGCTGGAGGGTCCGCCAAGCTGACTGTAATTTACAGTCTCTCTGAAG
AAACCATTGTGCTTCTGAGACCTAGCCCCCTTCTGGATGGAGGCTTGAGGGCCCTGGGACATGTGCT
ATCTGATAAGATTGGGTATCGCTGCCAAGGTGGAGAGCAGTGAGCAAGGGGCTTGGGGCAATTTCCAG
TGGAGGGCATCCACACCTCCATTTATGCTTGTGGTTCACACATTTAAGTTTACAAATCAGATTTCTTT
TCCCTTCAGTAGAATTAGATTTTGTCTTCAATCATGATTTCAAATGCAATCCTAAGAGCTAATGTGG
ACTTTTCTTTTCCATGAAATGTCTTAAAGGATGAATTAGCATGGTCTTAAAATACATTTCTGAGGTT
ACTAGCTGATTTTGAATTGTGAGCAAAATGCCGAGAAACCCAGTTGGCATTATACAAAATGTTGACC
TCAGGTCTATAGTTCTTAAATGTGGTAATTCTGTAACATAGTCTTGGTATTTTTAATTATGAATGCA
TATCCTATTTCCAGGCAGGCTCTTACTTGAACACAAATCCAAAACTAATTTAGAGTCTTTTTGCC
CAGATCTTTTAAAGACTTACCCCGAGATTTAAGAAGAAAACCTCTAAATTTCAAATTTATGAAGAAT
TACAGAATTACTCATTTAAGGTAATTTAAAGAAGTTGTACATTGTCAAAGTAAATTTAATCAAAT
CATGTCTGTAAACTTGACGTATTTGTGTATGCATGTTTTCAATTTGCAAAATTTAATATATAGACC
TATGATGTACAGGTACGACATGTATAGGTTACCTAGATGTTATGAGAAATTTAGTTTATTGTGAGTAC
TCAAGTTGCTTAGAGAGCCACAGGGTGATTTGCTGCTGGCTTTCTATCATTTTTATGTTTTAATGCAA
AGGAAATTTTAAATGTTCTGGAAGTGTCTTTGATTAAGCAATGCAGCCTAGAAGCAATGGTTCTGTTT
AATCATTAGATGTTAGTGGAAGCATAAAAGTCAAGACTGCATGTTGAAACCTTTCTTTTATAGTTTAC
TGAAGTCTTGGTTAACTAAATGGAACCATGTGCTAATTTTTCACAATTATTGACCTGTATTGATTGC
CACTGTAGTTTGGTATTTCCCTTACTTTGGTGGCCTGCTTCCCTCATGCCCTGGAATACAACCTCAGAG
CTCCAGGCAGCGGAACCATCTATTGTTTTGTTGCCAGAAAGTGCACCCTGTATGGTCTCCTGTCTAAG
TTGAAATATTATGCATGTGCAGGACTATTCGAGTATTTATAAACAGTAGCACACAATAAATCCATG
CATGGGCCGCTGCTCCTATCTCTGTGTTGGGTTTTATTTGGAAGATGCAATCTGATTTGCCTTTTGAT
GCAAAATCAGAAAATCCTGTTACTAGAGCTGGGATGTCCTCCGGAGATTATCTCGTGGATAGTTCATGGT
AATTTGATTAATTAATTTCTTTATAAATTTGCCTTAAAAAACTTTTGTATATACTTGTTTTACAT
GAGCATTAGTAAGTACTGAGCACTAGAGGACTTTGAATGCCTACTGTAGGCCCTCTAAGTCTAATATTTAAG
ATCACTGTTTATTGTCTTTAATTGAAAGAAAATATGTTATTGTCTAGAATTTTGTATAGTGGTATTG
GGAATTTACTGGGTGTTCTAACAAATAAGAAAATATTAGTGATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCCGCCCTTCTATGAAAGG
  
```

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_021132.4](#)

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