

Product datasheet for **SC331418**

CNTNAP3B (NM_001201380) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTNAP3B (NM_001201380) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTNAP3B
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331418 representing NM_001201380. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCTTCAGTGGCCTGGGCCGTCCTCAAGGTGCTGCTGCTTCTCCCACTCAGACTTGGAGCCCCGTA
GGAGCAGGAAATCCACCTGACTGTGATTCCCACTGGCCTCTGCCTTGCCTAGGTATCCTTCAGCAGC
TCCTCAGAGCTGTCCAGCAGCCACGGCCCGGGTTTCAAGGCTTAATCGAAGAGATGGAGCTGGTGGC
TGGACCCCACTTGTGTCAAATAAATACCAATGGCTGCAAATTGACCTGGAGAGAGAATGGAGGTCACT
GCTGTGCGCCACCAAGGAGGATATGGGAGCTCTGACTGGGTGACCAGCTACCTCCTGATGTTCACTGAT
GGTGGGAGAACTGGAAGCAGTATCGCCGAGAAGAAAGCATCTGGGGTTTCCAGGAAACACAAACGCA
GACAGTGTGGTGCACTACAGACTCCAGCCTCCCTTTGAAGCCAGGTTCCTGCGCTTCTCCCTTTAGCC
TGAACCCAGGGCAGGATTGGGATGCGGATCGAAGGTACGGATGTGCATATAAATCTGAGGTGGTT
TATTTTGTGACAAAGTCTGCTGTATACACTTGATAAAAAACCTTTAAACCAATAAGAGATGTT
ATTTCTTTGAAATTTAAAGCCATGCAGAGCAATGGAATTCTACTTCACAGAGAAGGACAACATGGAAT
CACATTACTCTGGAATTAATTAAGGAAAGCTTGTCTTTTTCTTAATTCAGGCAATGCTAAGCTGCCT
TCTACTATTGCTCCTGTGACCTCACCTGGGCAGCCTGCTGGATGACCAGCACTGGCATTCCGTCCTC
ATCGAGCTCCTCGACACGCAGGTCAACTTCACCGTGGACAAACACACTCATCTTTCCAAGCAAAGGGA
GATTCCAGTAACCTGGATCTTAATTTTGTGATCAGCTTTGGGGGAATTCTGTACCCGGAAGATCACGG
GCATTCACACGTAAGAGCTTTCATGGGTGTTAGAAAATCTTTATTATAATGGAGTGGATGTTACCGAA
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GTGTCTGTCACTTTTCAATTTTGAACGTGGAACAGAGCAGGACATTTGCTTTTCGGCGAAGTTCAACGT
GGTTCAGGGAGTTTCTGCTCTTTCTTAAGGATGGCAAGCTCAACTGAGTCTCTTCCAGGCGGGACAG
TCACCAAGGAATGTCACAGCAGGTGCTGGATTAACGATGGGCAGTGGCACTCTGTATCCTTCTCTGCC
AAGTGGAGCCATATGAATGTGGTGGTGGATGATGACACAGCTGTTGAGCCCTGGTGGCTGTGCTCATT
GATTCAGGTGACACCTATTATTTTGGAGGCTGCCTGGGCAACAGCTCTGGCTCTGGATGTAAAAGCCCC
CTGGGAGGGTTTCAAGGCTGCCTAAGGCTCATCACCATTGGTGACAAAGCGGTGGATCCCATCTTAGTA
CAGCAGGGGGCGCTGGGGAGTTTCAAGGACCTCCAGATAGACTCCTGCGGCATCAGACAGGTGCTTG
CCCAGCTACTGTGAGCATGGGGGCGAGTGTCCAGTCGTGGGACACCTTCTCCTGTGACTGTCTAGGC
ACAGGCTATACGGGCGAGACCTGCCATTCTCTCTACGAGCAGTCTTGTGAAGCCACAAGCACCGA
GGGAACCCATCCGGGCTTACTATATTGATGCAGATGGAAGTGGCCCCCTGGGACCATTCTTGTGTAC
TGCAATATGACAGCAGACTCCGCGTGGACGGTGGTGGGACGGTGGCCCCGACGCGGTGACCTCCGA
GGTGCCCCCAGCGGGCACCGCTCTCGGCTGTGCTCTTCGCGTACGACGGGGCGGGGACGTGCGG
GCCGCGGTGAACCTGGCGGAGCGCTGCGAGCAGCGGCTGGCTCTGCGCTGCGGGACAGCGCGGCGCCG



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GACTCACGAGATGGAACCCCACTGAGCTGGTGGGTTGGAAGAACCAATGAAACACACACTTCCTGGGGA
 GGTTCTCTGCCTGATGCTCAAAAGTGTACTTGTGGATTAGAGGGGAAGTGCATTGATTCTCAGTATTAC
 TGCAACTGTGATGCTGGCCAGAATGAATGGACTAGTGACACAATAGTCCTTTCCAAAAGGAGCACCTC
 CCAGTCACTCAGATTGTGATGACAGACACAGGCCAACCACTTCCGAAGCAGATTATACACTGGGGCCA
 CTGCTCTGCCGCGGAGATAAGTCATTTTGAATTACAGTTCCTTCAACACTGAGACTTCATACCTTCAT
 TTCCCTGCTTTCCACGGAGAAGTCACTGCTGACGTGTGCTTCTTTTAAAGACCACAGTTTCCTCTGGG
 GTGTTTATGGAGAACCTGGGGATCACAGACTTCATCAGGATTGAGCTGCGGGCTCCACAGAAGTGACA
 TTTTCCTTCGATGTGGGAATGGACCTTGTGAGGTACGGTGCAGTCACCACTCCCTTTAATGACAAT
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 AAGATGCAGCCTGCCCTGCTGATGGGCACGTTCTGTTTACAGCTCAACAGCCAGCTCTTCATTGGTGGA
 ACGGCCACCAGACAGAGAGGCTTTCTAGGATGCATTGGTCTCTGCAGTTGAACGGGGTGGCCCTGGAT
 CTGGAAGAAAGGCCACAGTGACGCCAGGAGTGGAGCCAGGGTGTGCAGGACACTGCAGCACCTATGGA
 CACTTGTGTCGCAATGGAGGGAGATGCAGAGAGAAACGCAGGGGGGTACCTGTGACTGTGCTTCTCA
 GCCTATGATGGACGTTCTGCTCCAATGAGATTTCCGCATATTTTGAAGTGGCTCCTCAATGACATAC
 CATTTTCAAGAACATTACACTTTAAGTGAAGTCCAGCTCTCTGTTTCTTCATTATACAGAGATGTA
 ACATTGACAGAGAAATGATCACACTGAGCTTCCGAACACACAGTCTCCGAGCTTATTGCTGTATGTG
 AGCTCTTCTATGAGGAATACCTTTCAAGTTATCCTCGCCAACAATGGAAGTTGAGATTAGGTACAAG
 CTAGATAGACATCAAAATCCTGATGCATTTACCTTTGATTTTAAAAATATGGCTGATGGGCACTTCAC
 CAAGTGAAGATTAACAGAGAAGAAGCCGTGGTTCATGGTAGAGGTTAACAGAGCGCAAAGAAACAAGTC
 ATCTTGTCTCAGGGACAGAATTAACGCCGTCAAATCTCTCATATTGGGAAAGGTTTATAGAGGCTGCC
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 GGCCGCGCTGCTCCCTGAAGGCGGCGCTGCGCCCGAGCGGCCCTCCCGGGTACCGTCCGCGGCCAC
 GTGGCCCTATGGCCGCTGCGCGCGGGGCGGCGTCCGGCTCCCGGCGCGGGAAGTGGCTCCCGGA
 CTCGCGGGGGGCGCAGGTGCTTCTGACCAAGTGGATGAGGGAGAGCCCTTGGTTAATGCAGACAGAAGA
 GACTCTGCTGTATGGGAGGTGTATAGAGTGGTGTATTTATTTTGTGTTGCATCACTGCCATAGCC
 ATACGCATCTATCAACAGAGAAAGTTACGCAAAGAAAATGAGTCAAAAGTCTCAAAAAAGAAGAGTGC
 TAG

Restriction Sites: SgfI-MluI
ACCN: NM_001201380
Insert Size: 3867 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001201380.1](#)

RefSeq Size: 6383 bp

RefSeq ORF: 3867 bp

Locus ID: 728577

UniProt ID: [Q96NU0](#)

Cytogenetics: 9p11.2

MW: 140.5 kDa