

## Product datasheet for MC224176

### Cntnap3 (NM\_001081129) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cntnap3 (NM_001081129) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cntnap3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224176 representing NM_001081129 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGCACGGGTCAACGGAGCATTCTGGATGCGTTGCTGCTTCTGCTGCTGCTGTCTGTTTCAGACCTGCG  
CCCTAGTAGCAGCAGGAGATCCACACAATTGTGATGCTCCGTTGGCTTCTCTTTGCCTCAGTTATCCTT  
CAGCAGCTCCTCACAGCTGTCCAGCAGTCATGGCCCTGGCTTTGCAAGACTAAATAAGAAGAGATGGAGCT  
GGTGGATGGACACCGCTTGTATCAAATAAATATCAGTGGCTGCAGATTGACCTTGGAGAACAATGGAGG  
TCACTGCTGTGGCCACCCAGGGTGGATACGGGAGTTCTGACTGGGTGACCAGTTACCTCCTGATGTTTCAG  
TGATGGTGAAGGAAGTGGAAACAGTATCATCAAGAAGAAAGCATCTCGGGATTTCCAGGAAACACAAAT  
GCAGACAGTGTGGTACAATATAGTCTCCAGCCTTCCCTCCACACCAGTTCTGCGCTTCTCCCCTTAA  
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ATATTGTTTTGGAATTAACAAAGGAAAGCTTGTGTTTTATCTTAATTCAGGCGATGAAAACCTGCCTCC  
TGTTAATTTCTATCATGAACCTTACCTTAGGCAGCCTTCTGGATGACCGGCACTGGCACTCTGTACTCATT  
GAGCTCCATAATATGCATATGAACCTCACCTGGACAAATACATGCATCATGTTTCATGTGAACAAGGAAA  
CCAGTTACTTGGATCTTAATTTTGGATCAGCTTTGGAGAAATCCTGATGCCTGGAGGGCGTTTCTCTGAC  
ATTCCACATAAAAAATTTTCATGGATGTTTAGAAAAATCTATTATAACGGAGTCAATATTATTAATTA  
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CCTCGCTTTTTCAGCTTCAACATGGAACAAGGCAGGACATGTGTTTTTAGCCAAGTGGGACCGGTTCA  
GGAAGTTTGGTCTGTTTCTTAAGAATGAAAACTCATACTGAACCTCTGAGCCTGGTCAACCCTTGC  
AGAGCATCACAACAGGTGCCGTACTGAATGATGGGCTATGGCACTCAGTTTCCGTGTCTGCTAAGGGTAG  
CTACCTAAGCCTTCTGGTAGATGGAGACTGCTCAGACCCTGATGTCTGTGGAGATTCAATTTGGGCGAC  
ACTTACTATTTTGGAGGTTGTCCCAACAACAGCTCTAGCTTTGGATGTGAACATTCTTTTGGAGGCTTCC  
AGGGCTGCCTGAGGCTCATCTCTGTTGGTGACAAAGTAGTGGATCCTATTGCAGTACAGCAGGGAGTGCT  
GGGCAGCTTCAGTGACCTCCAGATAGACTCCTGTGGCATCATAGACCGGTGTTTGGCAAGCTACTGTGAG



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CATGGGAGTAGATGTACCCAGTCATGGGACACTTCTCCTGTGACTGTGAAGGCACGGGCTACACTGGAA  
 CAACCTGCCATTCTCCATCTATGAACAGTCTTGTGAAGCCCACAGGCACAGAGGTAGCCCTTCTGGACT  
 TTAACATATTGATGTAGATGGAAGTGGACCCTGGCACCATTCTTGTATACTGCAATATGACAGCAGAC  
 ACAGCATGGACTGTTGTTTCAGCATGGAGGCCCGATGTAGTGACAGTCAAGAGGTGGTCCAGAAGGACACA  
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 CTGTGAGCAGCAGGTGGACCTACAATGTAGGACCTCAGGGCCCTCAGATACAGGAGATGGAACCTCCCTG  
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 GTACTTGTGGATTGGAAGGGAAGTGCATTGATTCTCAATACCACTGCAACTGTGATGCTGACCCGGAATGA  
 ATGGACCAGTGACACAATAGTCCTGTCTCATAAGGAGCACCTGCCCGTCACTGAAATGGTGGTGACAGAC  
 ACAGGCCGACCATACTCTGAAGCTGCTTATACACTGGGGCCTTTGCTATGCCAGGGAGACAAGTCATTTT  
 GGAAGTCACTTCTTCAACACCCAGGCTTCTTACCTTCAATTTCCCAACCTTCCGTGGAGAGCTCACCGC  
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 TTCATCAGAATAGAGTTGCGTGTCCACAGAAGTGACCTTTTCTTTGATGTTGGGAATGGACCTGTG  
 AGTCACTATACAGTCACCGACTCCCTTAAATGACAACCGGTGGCATCATGTGAGAGCAGAAAGGAATGT  
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 CGACTACAACCTAACAGCCAGCTTTCATTGGGGGGACGCCAGCAGGCAGAAAGGCTTCTCTGGGATGTA  
 TCCGGTCCCTTCAAGTGAATGGAATGGCACTAGACCTGGAGGAAAAGGGCTGTAATGACACCAGGAGTGGA  
 GCCAGGATGTTCAAGTCACTGCAGCAGCTATGGACACCTGTGTCGAAATGGGGGAATGTGTCAAGAGAAA  
 CACAGAGGGATTGCTTGTGACTGTGCCTTCTCTGCCTACGATGGGCCACTGTGCTCATATGAGATTTCTG  
 CATATTTTGAACGGGTTCTCAGTGACCTATAATTTTCAAGAATATCCACCCTGAGTGCAAACACCAG  
 CTACCTGGCTTCTTTCATTGCATGGGGATGTCATACTGTCCAGAGAAACATCACGCTGAGCTTCCGAACC  
 ACACAGACACCATGCTTATTGCTTTATGTGACCTTTTTATGAGGAATACCTTTCCATTATCCTGGCCA  
 ACAATGGAAGTTGCAGGTGAGTACAAGTTGGACAGACATCGGAATGCAGATGCCTTCAACTTTGACCT  
 TAGAAAACCTTAGCAGATGGTCACTTTCACCAGCTGACGATTAACAGGGAAGAAGCAGTAGTCTCTGTAGAG  
 GTTAACCAGAGTACAAAGAGGCAAGTCATCTTGTCTCAGGGACTGAATCAATGCTGTCAAATCGCTCG  
 TATTGGGAAAGGTTTTAGAACCCCTGGATGCTGATCCTGAAACACAGCAGGCAGCCGCTCAGGGCTTAC  
 AGGCTGCCTCTCTTCTGTGAGATTTGGCCTGGAAGTCCCCTGAAGGCTGCACTGAATCAAACCCGGCT  
 AGAGTCACTATTCAGGCAGTGTGGCTGCTGCAGCTATTGTGCAGAAGGCCCTGGTTCTGCAGAGAGGA  
 AACTGTCTCCAGGGCCCTCTATGGATGCAGTCTTCTGGATCCGCAGAAGATAGACAGCCCTTCTCTAA  
 CACAGACAGGAGTGACCCTGGGGTATTGGAGGAATAACAGCAGTTGTGATTTTATTTTGTCTGTGTG  
 TCTGCCATAGCCATACGGGTTCAACAGAGAAGATTACACAAAAAACGAGTCAACAGTTTCAAAAA  
 CTGAAGAGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001081129

**Insert Size:**

3864 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_001081129.1](#), [NP\\_001074598.1](#)

**RefSeq Size:** 4868 bp

**RefSeq ORF:** 3864 bp

**Locus ID:** 238680

**Cytogenetics:** 13 B3