

Product datasheet for **SC110630**

CNTNAP3 (NM_033655) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTNAP3 (NM_033655) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTNAP3
Synonyms:	CASPR3; CNTNAP3A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033655, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTCAGTGGCCTGGGCCCTCAAGGTGCTGCTGCTTCTCCCACTCAGACTTGGAGCCCCGTGG
GAGCAGGAAATCCACCTGACTGTGATGCCCACTGGCCTCTGCCTAGGTCATCCTTCAGCAGCTC
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CAGGGACCTCCAGATAGACTCCTGCGGCATCACAGACAGGTGCTTGCCCAGCTACTGTGAGCATGGGGG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033655 unedited
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 GTCTCAGGGCGCCTGGCTGAAGTGAAGTGGCTTCACTGAGGCTGGGCCGCTCCTCAAGGTG
 CTGCTGCTTCTCCCACTCAGACTTGGAGACCCGATAGGAGCAGGAAATCCACCTGACTGT
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 AGCAGCCATGGCCCGGGTTTTCAAGGCTTAATCGAAGAGATGGAGCTGGTGGCTGGACC
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 ACTGCTGTCGCCACCCAAGGAGGATATGGGAGCTGACTGGGTGACCAGCTACCTCCTG
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 TTTCCAGGAAACACAACGCAGACAGTGTGGTGCCTACAGACTCCAGCCTCCCTTTGAAG
 CCAGTTCTCGNCTTTCTCTTTAGCCTGGGAACCCAGGGCAGGATTGGGATGCGGAT
 CGAAGTGTACGGATGTGCATTATAATCTGAGGTGGNTNTATTTGATGAACAAGTGTCTG
 CTGTTACCCTGGTAAAAAATTTAAACCATAAAGATGTTATTCTGTAATTAAGCATGCC
 CGN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033655 unedited
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 TCAGTAACAACCTTTAGAAAAAGAAATGAATGATAAAGAAAAACAGATATGACCTCTCAA
 TATCTTGGGGAAGTAAGTTAGGATGATGTTTCATTCACGTCTTAATGATATAAAATAAAGG
 ATAACCTGTGTGAAGAAGTAGTGTGTTGTATCTGGTGGTAAATTTAGTTAAAAACATAATC
 ACAAGTTACAAAACTGTAATTACAAATTACAAAGAAAAACAGGCAGACAATCTTGATT
 GACATCCTCTTGTCATCTTGTTACCTACCAATGTCTGTCCATTATAAAATTCAACTA
 AAATTTCATAGCTAACATTCAATATTAATTTCAACATTAATGTATCAAAATCATTAAA
 AACAGTCAATTAGAAAAAGCAATACACCAAAAAAATGGTAGTGTTCAGGCTTCAACT
 GTGTTGTATTAACCATCACACAGGAGAATAAAAGGGCTGTGAATTTTAGATAGGCCACTT
 GGCTCTGGATTCCAGGACTATGGAAATGCCAGTGAAGGTAGTCCAAGAAGCATTTCCTGT
 TTTATAAATATCAGCAGAGGACCAAAAAAGGGATCCCAGATATGTTTTCAAGTAACAAA
 AAACATTAAGTGCAATTTTGTCTTTTACATCTGAACAAAAGTTCTGTCAATTTTAAAAA
 ATAAAGTAGGGTCACAGCTTTATAGTCATTTTCTCATCTAAAACCCACATTTATGAACC
 CAGATCAAACGAGTTTTGGGAGAGAGCCTTTGG

Restriction Sites:

NotI-NotI

ACCN:

NM_033655

Insert Size:

6000 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_033655.2](#), [NP_387504.2](#)

RefSeq Size: 5229 bp

RefSeq ORF: 5229 bp

Locus ID: 79937

UniProt ID: [Q9BZ76](#)

Cytogenetics: 9p12

Domains: F5_F8_type_C, LamG

Protein Families: Secreted Protein, Transmembrane

Gene Summary: The protein encoded by this gene belongs to the NCP family of cell-recognition molecules. This family represents a distinct subgroup of the neurexins. NCP proteins mediate neuron-glia interactions in vertebrates and glial-glia contact in invertebrates. The protein encoded by this gene may play a role in cell recognition within the nervous system. Alternatively spliced transcript variants encoding different isoforms have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]