

Product datasheet for MC224213

Cntnap5a (NM_001077425) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntnap5a (NM_001077425) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cntnap5a
Synonyms:	Caspr5-1; EG636808
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224213 representing NM_001077425 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGATTCTGTACCAAGACTGAACAGCGTTTTGACTTTGGTGCTCTCAGGCTTGTTGGCATTAGGATTAA
CAGCGACAACTACAAGTGTGATGACCCATTGTCCAATTCCTCTCACTGAAGGCTTCTCCAGTTCCCTC
AGATATCACTGGAAGTTCTAGTTCAGCTCACTGAAGTGGAGAATGGGAAGTGGTGGTGGTCCCCAGCA
GATTCCAATGCCAACAGTGGCTCCAGATTGACCTGCAAAACAGAGTGGAGATTACAGCTGTAGCCACAC
AGGGAAGATATGGAAGCTCTGACTGGGTACAAGCTATCGCCTGATGTTTAGTGACACAGGGCACAAGT
GCAACCATACAATCAAGAAGACAGCATCTGGACATTTGTAGGAAACATGAATTCTGACAGTGTGGTTCAC
CACAAGCTGCTGCACTCTGTGAGAGCCCGCTTTGTTTCGCTTTGTGCCCTAGAGTGGAAACCCGAATGGAA
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CTCACTTTTATACAGTTCAATCAGAAGACAATGAGTACCCTCAAAGATGTGATCTCCCTGAAGTTCAAG
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GCAAACTTCACTGTGGACATGAACACTCAGCACTCCGGACCAAGGGTGACACAGATTCTCTGGACATTG
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TGGCTGTATTGAAACCTTTACTACAATGGAGTGAACATAATTGATTTGGCTAAAAGACGCAAGCATCAG
ATCTACTCAGGCAATGTCACTTTTTCTGCTCAGAACCACAAATTGTTCTATCACATTTATCAACTCCA
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GCTTAAATGATGGCTGTGGCATTCTGTCAGCATCAATGCCAGAAGAAATCGTGTTACTCTCACACTGGA
TAATGATGCTGCTCCCCAGCTCCAGACACCTCCGAATACAGATTTATCTGGAAGAGTTACTACTTT



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GGAGGGTGCCTGACAATCTCACCGATTCCCAATGCTTAAACCCATTAAAGGCTTCCAAGGCTGCATGA
GGCTCATCTTTATTGATAACCAGCCCAAGGACCTCATTTAGTTTCAAGGTTCCCTGGGGAGTTTATG
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CTCTGATGGCAGTGGGCCACTGGGACCCCTTCAGGTGTACTGCAATATTACTGAGGACAAGATATGGATG
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CCTTAAACTATGGTGGCAGTATGGAGCAGCTGGAAGCTTTGATTGATGGCTCAGAATACTGTGAACAGGA
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TGGAGGAAAGCTGCCTGGACAGTCGACACTTTTGAATTGTGATGCAGATATAGATGAATGGGCAAATGA
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AGTCTCCTTATCCTCTGAATGACAATCAATGGCATTACATCCGAGCTGAGACAAACCTCAAGGAGACCTC
ACTTCAGGTGGACAACCTTCCACAGAGTATGAGGGAGGCCTCAGAGGGAGGCCATTTCCGACTTCAGTTG
AATAGCCAGTTGTTTGTAGGAGGAACATCATCAAGACAGAAAGGCTTTCTTGGATGCATCCGTTCTTTAC
TCTTGAATGGGCATAAAGTAGACCTGGAAGAGAGGGCAAAGGTACAGTCTGGAGTCAGACCTGGTTGTCC
AGGTCACTGCAGCAGCTATGGAAGCAATTGCCACAATGGGGGCAAGTGTGTGGAGAAACATACTGGTTAT
TCCTGTGACTGTACCAACTCACCGTATGAAGGACCTTTCTGCAGGAAAGAAATTCAGCTCTTTTGTATT
CTGGCAGATCTGAACATACATGTTTCAAGAACCATATCCAGTGACCAAGAACAAGCCTTTTCTCTTC
AGCTATCTACACAGATTTAGCTCCATTCAAGGAACAATCATGCTGAGTTTCATGACAACACAAGCCCCC
ACCCTCTTGCTCTACCTCAATTTTTCTTCTCAGAATTTTCTGGCTATCCTGCTCTCCAGGAATGGAAGTT
TACAGGTTTCGATATCGACTAAGCAAGGATGAAAGTCATGTATTCAACATGGACACAGAGAATCTGGCCAA
CAGAAGAGTGCATCAGGTGAAGATTAGCCGAGATGGTCCAGAATTTCCATTGATGGACCAACAACCTC
TTCAGCTATAGCTTCTCCCCAGAAGTTGAGTTCCGGACACTGAGGTCACTTGCTCCTAGGCAAAGTCACAG
AACTCTTGATTTGGATCCAGAAGTTGCTCGAGCGAACACCTTGGGTTTTGTTGGATGCCTTTCTCAGT
CCAATACAATCACATAGCACCATTGAAGGCAGCCCTCCGCCATGCCAGTATTGCACCTGTGACTGTCCAA
AAGACCTTGACAGAATCCAGCTGTGGCTCCATGGTGGACTCTGATGTGAATGCAGTGACCACCGTGCATT
CTTTGTCAGATTCCTTTGGAAAGACAGATGACCATGAACCACTCCAAAATGCAGTCCGAAGTGACTCAGC
AGTCATTGGAGGCGTCATAGCAGTGGTGACATTTATTACTTTTTGTGTCATTGGAATCATGACCCGCTTC
CTCTATCAACATAAGCAGTCACACCGCACCAATCAGATGAAGAAGGAATACCCAGAGAATTGGACAATT
CCTTTAGAAATGAAATTGACTTGCAAAACACAGCCACTGAATGCAACGAGAATATTTTCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001077425

Insert Size:

3915 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001077425.1</u> , <u>NP_001070893.1</u>
RefSeq Size:	3915 bp
RefSeq ORF:	3915 bp
Locus ID:	636808
UniProt ID:	<u>Q0V8T9</u>
Cytogenetics:	1 E2.3
Gene Summary:	May play a role in the correct development and proper functioning of the peripheral and central nervous system and be involved in cell adhesion and intercellular communication. [UniProtKB/Swiss-Prot Function]