

Product datasheet for MC224212

Cntnap5c (NM_001081653) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntnap5c (NM_001081653) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cntnap5c
Synonyms:	Caspr5-3; EG620292; Gm325
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224212 representing NM_001081653 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGATTCTGTACCAAGACTGAATAGCGTTTTTACTTTGGTGCTCTCTGGCTTGTTGGCATTGTTGGATTAA
CAGCGACAAATTACAACGTGATGACCCATTGACTTCCTCTCTCACTGAGGGCTTTCTCCAGCTCCTC
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GGAGGGTGCCCTGACAATCTCACTGATTCCCAATGCTTAAACCCGATTAAGGCTTTCGAAGGCTGCATGA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001081653

Insert Size:

3918 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: [NM_001081653.1](#), [NP_001075122.1](#)

RefSeq Size: 3918 bp

RefSeq ORF: 3918 bp

Locus ID: 620292

UniProt ID: [Q0V8T7](#)

Cytogenetics: 17 D

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]
 Transcript Variant: This variant (1) represents the protein-coding transcript. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.