

Product datasheet for MC209293

Rapsn (NM_009023) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rapsn (NM_009023) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rapsn
Synonyms: 43kDa; Nraps; Raps; rapsyn
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209293 representing NM_009023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGGCAGGACCAGACAAAGCAACAGATTGAAAAAGGACTGCAGCTGTACCAGTCCAACCAGACAGAGA
 AGGCACATGCAGGTGTGGATGAAGGTGCTGGAGAAGGGCTCTGACCTCGTGGGCCGCTTCCGGGTACTGGG
 CTGCTTGGTAACAGCTCACTCGGAGATGGGCCGCTACAAAGAGATGCTGAAGTTTGCCGTGTCCAGATT
 GATACTGCTCGGGGACTGGAGGATGCTGACTTCCTGCTCGAAAGCTACCTGAACCTGGCGCGCAGCAATG
 AGAAGCTATGTGAGTTCACAAAACCATCTCCTACTGCAAGACCTGCCTCGGCCTGCCTGGCACCAGGGC
 TGGTGCCAGCTTGGGGTCAAGTCAAGCTGAGCATGGGCAATGCTTTCCTGGGCCTCAGCCTCTCCAG
 AAGGCCCTGGAGAGCTTTGAGAAGGCCCTGCGCTATGCCACAACAACGATGACACCATGCTGGAGTGCC
 GTGTCTGCTGCAGCCTGGGCAGTTTCTACGCCAGGTCAAGGACTATGAGAAAGCCCTGTTCTTCCCTG
 CAAGGCTGCAGAGCTTGTCAACGACTATGGCAAAGGCTGGAGCCTCAAATATCGGGCCATGAGCCAGTAC
 CACATGGCTGTGGCCTACCGCTGCTGGGCCACCTGGGCAGTGCCATGGAGTGTTGTGAGGAGTCCATGA
 AGATTGCCCTGCAGCAGGTGACCGCCGCTACAGGCACCTGTCTGCTGCTTTGCCGATATCCATCG
 GAGCCGAGGGGACCTGGAGACAGCCTTCCCTCGGTACGACTCCGCTATGAGCATCATGACTGAGATCGGA
 AACCGCCTCGGGCAGGTGCACGTGCTGCTGGGTGTGGCCAAGTGTGGATGGCCCGGAAGGTGCAAGACA
 AGGCTTTGGATGCCATTGAGAAAGCCAGGACTTACTGAAGAGGTTGGCAATAAGCTGAGCCAGCTCAA
 GCTGCATTGCCTGAGTGAGAGCATCTACCGCAGCAAAGGGCTGCAGCGTGAGCTGCGCACGCACGTAGTG
 AGGTTCCACGAGTGCCTGGAGGAGACTGAGCTCTACTGCGGCCTCTGTGGTGAGTCCATCGGGGAGAGGA
 ACAGCCGGCTGCAGGCCCTGCCCTGCTCCACATCTTTCATCTCAGATGCCTGCAAACAATGGCACTAG
 GAGCTGCCCAACTGCCCGCTCCTCCATGAAGCCGGGCTTTGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009023
Insert Size:	1239 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:	<ol style="list-style-type: none">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_009023.3 , NP_033049.2
RefSeq Size:	1620 bp
RefSeq ORF:	1239 bp
Locus ID:	19400
UniProt ID:	P12672
Cytogenetics:	2 50.44 cM
Gene Summary:	Postsynaptic protein required for clustering of nicotinic acetylcholine receptors (nAChRs) at the neuromuscular junction. It may link the receptor to the underlying postsynaptic cytoskeleton, possibly by direct association with actin or spectrin (By similarity). [UniProtKB/Swiss-Prot Function]