

Product datasheet for MC211990

Nipa2 (NM_023647) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nipa2 (NM_023647) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nipa2
Synonyms: 2600017P10Rik; 3830408P04Rik; AB041581
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211990 representing NM_023647
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCCTGGGGCGTGGAAAATGATTTTTATATTGGTCTGGGATTGGCTATGACCTCCAGCATTTTCA
TTGGAGGGAGTTTCATTTTAAAAAAGGCCTTCTGCGACTTGCCAGGAAAGGCTCAATGAGAGCAGG
TCAAGGAGGCCATGCATATCTTAAGGAATGGTTGTGGTGGCTGGACTGCTGCAATGGGAGCCGGTGAA
GTGGCCAATTTTGTGCATATGCATTTGCTCCGGCCACATTAGTGACTCCACTAGGTGCGCTCAGCGTCC
TCGTAAGTGCCATTCTGTCTTCACTTCTAAATGAAAGACTTAATCTTCATGGGAAAATTGGGTGTT
GCTAAGTATTCTAGGGTCTACAGTTATGGTCATTCATGCTCCAAAGGAAGAGGAGATTGAGACCTTAAAT
GAAATGTCACATAAGTTAGGTGATCCAGGTTTTGGTCTTTGCAACATTTGTGGTCATTGTGGCCTTGA
TATTCATCTTTGGTGGGACCTCGACATGGACAGACAAACATCTTGTGTATATAACAATCTGCTCTGT
GATTGGAGCATTTTCAGTCTCCTGTGTGAAGGGTTGGGTATCGCCATAAAAGAGTTGTTGGCTGGAAAG
CCTGTTCTGCAGCACCCCTCGCCTGGATTCTTCTGTTTAGCCTTGTGGTCTGTGTGAGCACACAGATTA
ATTACCTAAACCGGGCTCTGGACATTTTCAACACTTCCATTGTGACTCCAATATATATGTGTTCTTTAC
AACTTCAGTTTTGACTTGTTCAGCTATTCTTTTTAAAGAATGGCAGGATATGCCTGTTGATGATGTCATT
GGGACTTTGAGTGGCTTCTTCACAATCATTGTGGGATATTTTTGTTGCATGCCTTTAAAGATGTCAATT
TTAGTCTAGCAAGTCTGCCAGTATCTTTTCGAAAAGATGAAAAGGCAATGAATGGCAATCTTTCTAGTAT
GTATGAAGTTCTTAATAATAATGAAGACGACTTACCCTGTGGAATTGAACACACTGGTAAAAATATTTCC
CGTAGGAATGAAATCTGCCATCTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_023647



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Insert Size:	1080 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:	<u>NM_023647.6</u> , <u>NP_076136.2</u>
RefSeq Size:	4023 bp
RefSeq ORF:	1080 bp
Locus ID:	93790
UniProt ID:	<u>Q9JJC8</u>
Cytogenetics:	7 B5
Gene Summary:	Acts as a selective Mg(2+) transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) is the longest transcript. Variants 1-4 encode the same isoform (1).