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Product datasheet for MC227261

Nipa2 (NM_001256130) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nipa2 (NM_001256130) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nipa2
Synonyms:	2600017P10Rik; 3830408P04Rik; AB041581
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC227261 representing NM_001256130
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCCTGGGGCGTGGAAAATATGATTTTTATATTGGTCTGGGATTGGCTATGACCTCCAGCATTTTCA
TTGGAGGGAGTTTCATTTTGAAAAAAAAAGGCCTTCTGCGACTTGCCAGGAAAGGCTCAATGAGAGCAGG
TCAAGGAGGCCATGCATATCTTAAGGAATGGTTGTGGTGGGCTGGACTGCTGTCAATGGGAGCCGGTGAA
GTGGCCAATTTTGCTGCATATGCATTTGCTCCGGCCACATTAGTGACTCCACTAGGTGCGCTCAGCGTCC
TCGTAAGTGCCATTCTGTCTTCATACTTCCTAAATGAAAGACTTAATCTTCATGGGAAAATTGGGTGTTT
GCTAAGTATTCTAGGGTCTACAGTTATGGTCATTCATGCTCCAAAGGAAGAGGAGATTGAGACCTTAAAT
GAAATGTCACATAAGTTAGGTGATCCAGGTTTTGTGGTCTTTGCAACATTTGTGGTCATTGTGGCCTTGA
TATTCATCTTTGTGGTGGGACCTCGACATGGACAGACAAACATTCTTGTGTATATAACAATCTGCTCTGT
GATTGGAGCATTTTCAGTCTCCTGTGTGAAGGGTTTGGGTATCGCCATAAAAGAGTTGTTGGCTGGAAAG
CCTGTTCTGCAGCACCCCCTCGCCTGGATTCTTCTGTTTAGCCTTGTGGTCTGTGTGAGCACACAGATTA
ATTACCTAAACCGGGCTCTGGACATTTTCAACACTTCCATTGTGACTCCAATATATTATGTGTTCTTTAC
AACTTCAGTTTTGACTTGTTCAGCTATTCTTTTTAAAGAATGGCAGGATATGCCTGTTGATGATGTCATT
GGGACTTTGAGTGGCTTCTTCACAATCATTGTGGGGATATTTTTGTTGCATGCCTTTAAAGATGTCAGTT
TTAGTCTAGCAAGTCTGCCAGTATCTTTTCGAAAAGATGAAAAGGCAATGAATGGCAATCTTTCTAGTAT
GTATGAAGTTCTTAATAATAATGAAGACGACTTACCCTGTGGAATTGAACACACTGGTGAAAATATTTCC
CGTAGGAATGGAAATCTGCCATCTTTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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ACCN:	NM_001256130
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001256130.1, NP_001243059.1
RefSeq Size:	3269 bp
RefSeq ORF:	1080 bp
Locus ID:	93790
UniProt ID:	Q9JJC8
Cytogenetics:	7 B5
Gene Summary:	Acts as a selective Mg(2+) transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1-4 encode the same isoform (1).

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