

Product datasheet for RN203548

Nipa2 (NM_001107518) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nipa2 (NM_001107518) Rat Untagged Clone
Tag: Tag Free
Symbol: Nipa2
Synonyms: RGD1306051; SLC56A2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203548 representing NM_001107518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCTGGGGCGTGGAAAATGACTTTTATATTGGTCTTGGATTGGCTATGACCTCCAGCATTTTCA
 TTGGAGGGAGTTTCATTTTGAAGGAAAGGCCTTCTGCGACTTGCAGAAAAGGCTCCATGAGAGCAGG
 TCAAGGAGGCCATGCATATCTTAAGGAATGGTTATGGTGGCTGGACTGCTGTCAATGGGAGCTGGTGAA
 GTGGCCAAATTTGCTGCATATGCATTTGCTCCGGCCACACTGGTACTCCACTAGGTGCACTCAGCGTCC
 TTGTAAGTGCCATTCTGTCTTCACTTCTAAATGAAAGACTTAATCTTCATGGGAAAATTGGGTGTT
 ACTAAGTATTCTAGGATCTACAGTTATGGTCATTCATGCTCCAAAGGAAGAGGAGATTGAGACCTTAAAT
 GAAATGTCACATAAGTTAGGTGACCCAGGTTTTGGTCTTTGCAACATTTGGTTCATTGTGGCCTTGA
 TATTCATCTTTGGTGGGACCTCGACATGGACAGACAAACATCTTGTGTATATAACAATCTGCTCTGT
 GATTGGAGCATTTTCAGTCTCCTGCGTGAAGGGTTGGGTATCACTATAAAGAGTTGTTGGCTGGAAAG
 CCTGTTCTGCAGCACCCCTCGCCTGGATTCTGCTGCTTAGCCTTGTGGTCTGTGTGAGCACACAAATTA
 ATTACCTAAACCGGGCTCTGGACATTTTCAACACTTCCATTGTGACTCCAATATATTGTGTTCTTTAC
 AACTTCAGTTTTGACGTGTTGAGCTATTCTTTTTAAAGAATGGCAAGATATGCCTGTTGATGATGTCATT
 GGGACCTTGAGTGCTTCTTACAAATCATTGTGGGATATTTTTGTTGCATGCCTTTAAAGATGTCAATT
 TTAGTCTAGCAAGTCTGCCTGTAACCTTTTGGAAAAGATGAAAAGGCAGTGAATGGCAATCTTTCTAATAT
 GTATGAAGTTCTTAATAATAATGAAGAAGACTTACCATGTGGGATTGAACACACTGGTAAAAATATCTCC
 CGTAGAAATGGAAATCTGACATCTTTT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107518



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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_001107518.1, NP_001100988.1</u>
RefSeq Size:	2860 bp
RefSeq ORF:	1080 bp
Locus ID:	308667
Cytogenetics:	1q22