

## Product datasheet for **RN202510**

### **Nagpa (NM\_001108265) Rat Untagged Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                     |
| Product Name:      | Nagpa (NM_001108265) Rat Untagged Clone |
| Tag:               | Tag Free                                |
| Symbol:            | Nagpa                                   |
| Vector:            | pCMV6-Entry (PS100001)                  |
| E. coli Selection: | Kanamycin (25 ug/mL)                    |
| Cell Selection:    | Neomycin                                |



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**Fully Sequenced ORF:** >RN202510 representing NM\_001108265  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCGCCAGGGGGCCGGGCTGTTCTTCAAACCCGCGCTGCTCGTGGTGGGTGGCGTGGT  
 GCAGCTTAGGCTTCGGGGTTCCCGAGACGATGACCTGCTGCTGCCTTACCCACTCGCGCGAGAGTCC  
 CTCGCGGGACTGCGCCCGGGTGCACGCAGGCAGCCAGAACAGGAGAGCTGGCCTCCGCCACCCACGAAC  
 CCCGGCGCAGCCACCGCGCGGCGTGCACACTTTGTGTGCGACTTCGAGGGACGCGCGGTGGCCGGCC  
 ACCTGACGCGGGTGGCTGACCCCTACGCACTTTCTCGGTGCTGGAGCCGGGAGGACCCGGAGGCTGCGC  
 GCAGAGGCGTTCGCTACTGTGGAGACACAGCCGTCGCCGCGGTTGCCGCGTTCGCTCAGAACGGTGGC  
 TTCTCCGCATGGGACTGGCGAGTCTGGGGAATGTGGTGGAGCAGCGCGGCTGGTGGAGCAGCTCTG  
 GGGACTGCAGAACGCTCAGTTCGGTATCCGACGCGACGGACCTTAGTACCCGGTACCTGTCTGAGGA  
 GGACGCTCAGACGGTGAACCAATTCGTGCAGCTACTGAGCGGAGTGGTATGGCTCATCCGTAATGGA  
 AGCATCTACATCAACGAGAGCCAAATCACCGAGTGCAGTGCAGCAGGAGACAGGTTCTTTCAGCAAAT  
 TTGTGAACGTGATGTCAGCCAGGACAGCCGTGGGTGATGACCGTAAGGGGCGACTTATACTTCCACGC  
 GGACGGACAGACGGAGCAGCGTGGCCTCAACCTGTGGGAGATGGCAGAGTTCTGCTGAAACAAGACGTG  
 GTCAATGCCATCAACCTGGATGGAGGCGGTTCTGCCACCTTTGTGCTCAATGGGACCCTAGCCAGTTACC  
 CCTCAGATCACTGCCAGGACAACATGTGGCGCTGTCCCGCCGTGTTCCACTGTGGTATGTGTGCATGA  
 ACCCGCTGCCAGCCACCAACTGCAGCGGCCATGGGACTGTGTGGATGGCCGTTGTGAATGCACCAGC  
 CACTTCTGGCAGGTGAAGCCTGCAGTGCAGTGAAGTGCAGGCGCCCTCAACTGCAGCCAGCATGGGCTCT  
 GCACAGAGACTGGCTGCAGGTGTGATGCTGGGTGGACAGGATCCAAGTGCAGTGAAGAGTGTCTCTGGG  
 CTGGTATGGGCCAGGTTGCCAGAGGCCCTTGCAGTGCAGCAGCAGCGTCCCTGTGACCCCGAGACTGGC  
 AACTGCAGCATCTCCAAGTGAAGCAGTGTCTCCAGTCAACTGAGGCCCCACCGAGGGCAGGAGGGCTGG  
 CCTCTTTCACCGGACACGTGGCTGGCACTTACCCTCATCCTAATTTTCTGCTGCTGATCAGCACGGC  
 CGTCAACGTGTCTTGTCTCTGGCTCCCGGCAGAGAGGAACCGGCACCTCGACGGGGACTACGTGTAC  
 CACCCACTGCAGGAGGTGAACGGGGACGCGCTGGCTGCAGAGAAGGAGCAACAGAGGAACTTGAACCC  
 CCTCAAGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108265

**Insert Size:** 1554 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.

**RefSeq:** [NM\\_001108265.1](#), [NP\\_001101735.1](#)

**RefSeq Size:** 2140 bp

**RefSeq ORF:** 1554 bp

**Locus ID:** 360476

**Cytogenetics:** 10q12