

Product datasheet for **RN205725**

Nae1 (NM_032072) Rat Untagged Clone

Product data:

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|--------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Nae1 (NM_032072) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Nae1 |
| Synonyms: | Appbp1; RGD1563180 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN205725 representing NM_032072
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAGCAAGGAAGATACTCAAGGAGCAAAAGTACGACCGCAGCTGAGGTTGTGGGTGATCATG
 GTCAGAAGCTTTGGAATCTGCTCACGTTTGCTTGATAAATGCCACAGCTACAGGAACGGAAATCTTAA
 AAACCTGGTACTGCCAGGTATAGGATCATTACAATTATCGATGGAAATCAGGTCAGCGGAGAAGATGTT
 GGAAACAATTTTTCTTCAAAAATGCAGTATTGGCAAGAATCGAGCTCAAGCTGCCATGGAATCTTAC
 AAGAGCTAAATAGCGATGCTCTGGAAGTTTTGTGGAAGAGAGTCCAGAAAACCTTCTAGACAATGATCC
 TTCATTTTTCTGAGGTTACTATTGTGGTTGCAACTCAGCTTCTTGAAAGTACATTACTACGTTTAGCA
 GATGTCCTCTGGAATCCAGATCCCTCTTTGATCTGTAGGACATATGGCCTAGTTGGTTATATGAGGA
 TTATTATAAAGAACATCCAGTAATAGAATCTCATCCAGATAATGCATTGGAGGACCTACGACTAGATAA
 GCCATTTCTGAACTGAGAGAACATTTTCAGTCTTATGACTTGGACCATATGGAAAAAAGACCATAGC
 CATACTCCATGGATTGTGATCATAGCTAAATTTAGCCAGTGGTATAGTGAGACAAATGGACGAATTC
 CTAAGAAGTTATAAAGAAAAAGAGGACTTCAGAGAATTGATAAGACAAGGGATTTAAAGAATGAGAATGG
 AGCTCCAGAAGATGAAGAGAATTTGAAGAAGCTATTAATAATGTGAACACAGCACTAAATAACAACCTCAG
 ATCCCAAGCAGTATTGAAGATATATTAATGATGATCGCTGCATAAATATCACCAACAGACCCCATCTT
 TTTGGATTTAGCTCGTGCCTTAAAGGAATTTGTGGCCAAGGAGGGTCAAGGAAATTTACCTGTTTCGAGG
 CACAATTCCTGATGATTGCAGATTCAAGCAAATACATAAAATTGCAGAATGTTTATCGTGAGAAAGCA
 AAGAAAGATGCTGCTGCTGTAGGTAATCATGTTGCCAAATTGCTTCAGTCTGTTGGCCAGGACCCAGAGT
 CCATTTCCAGAGAAAGAAATTAAGAACTGCTTTGTAGCAATTCTGCATTTCTCGAGTGGTAAGATGTCGGTC
 TTTAGCTGAAGAGTATGGTTGCATACAGTCAACAAAGATGAAATTTATTCTAGCATGGACAATCCGGAT
 AATGAGATAGTCCTGTACCTAATGTTGCGGGCTGTTGATCGATTTATAAGCAGCATGGCAGATACCCAG
 GAGTATCTAACTATCAAGTTGAAGAAGATATAGGGAAGTTGAAGTCTGTCTTACTGGCTTCCTTCAGGA
 ATATGGGTTGCTGTAATGGTGAAGGACGATTATGTCCATGAATTTTCCGGTACGGAGCTGCTGAGCCA
 CACACCGTTGCTGCATTCTGGGAGGAGCTGCTGCTCAAGAAGTTATCAAATAATCACCAACAATTTG
 TAATTTTTAAACAATACTTATATTTATAGTGGTATGCACAACTTCTGCAACTTTCCAATTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_032072

Insert Size: 1605 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_032072.4](#), [NP_114461.3](#)

RefSeq Size: 1803 bp

RefSeq ORF: 1605 bp

Locus ID: 84019

Cytogenetics: 19p14

Gene Summary: may induce apoptosis [RGD, Feb 2006]