

Product datasheet for **RN202194**

Apba3 (NM_031781) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apba3 (NM_031781) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apba3
Synonyms:	Mint3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202194 representing NM_031781
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTCCTGCCAGAACCCAGCATCCCCAGGGCCCCGACCATGGACTTGGAGGAGCCAAAGGCC
 CCGAGGTTCCCTCTGAGGACCATCCCTCTAACACGCAGGGGGCCTTAGGGCCAGAGGCCCGATACCCCT
 GAGCGAGATGGAGCTGGACACATCCAGTGTGCGGGCGCTGGTTCAGCAGTTGGAAGCTTTGCCAGCGAC
 CTGGGTGGCCAGTCCCAGATGGAGCCCCGTGCCCTGCACATTGCCACTGGCCAAGGCCTAGCCACCC
 AGGAGAATTTGGATGCTGGTGGGCTCCTGTGAGCCGAGGCAGGTGGGACAACCTTCTGGGTCTGCTGAG
 GTGTGAGGCTCTTTGCCTGCTCAATCCGTTCCCCAGATCCTGCACAGGCTGCACCCCGCCTTCTGCAG
 CCACCAGAGGACCCCGTGGGACCCCTGGATGGATGGAAGGGACAGGCCAGCAGACAACAGGAGTTCCA
 GCAGCTCCCGGAGCTGTGGCTAGAGACAGCACCCCTGGTGACACATCGAGATCCACCCGTGGGTACCCA
 GAGCCAGGAGACCCTGGCTTCGTGCCCTGCCGTCTCCGAGTTCAGGTCCCTGTGGACAGGAGGAGCTC
 ATGGACGAGTCCCTTCGCGGGCGAAATACCTGGGCTCCACCCAGCTGTGTCTGAGCGCAACCCGCGC
 CCAGCACACGCATGGGGCAGGCGCAGGAGGCCATGGATCGGGTCAAGGCCCTGAAGGTGAGAGCCAGCC
 CATGACCGAGGTAGACATCTTTATCTCCACTAAGCGCGTAAAAGTGTGGCTGCTGACTCCAGGATGCC
 CTGATGGACCATGCCCTGCAGACCATCTCTACATCGCGGACATTGGGCCTGTGCTGGTCTTGATGGCGC
 GCAGGGCGCTGGCCAAGAGGACAACCTTCTCAGGACCGCCAGCGGCAGCTCTACAAGATGCTATGCCATGT
 CTTCCATTCAGAGGATGCCAGCTCATTGCGCAAGCCATCGGTACGGCCTCAGTATCGCCTACAGCCAG
 TTCCTGCAGGAGAACGGAATCGACCCAGCCAGGTGGGCATGCAGCCTTCAGCCTTCCAGTCAACCCAC
 ACAATGGCGACCTGGACCACTTCTGCAACAGCCAGAAGTGCAGGGAGGTTTGCATCCAGAAGCGGCCTGG
 GGAGGGCCTGGGTGTGCGGCTGGTTGAGTCAGGCTGGGGCTCGCTGCTGCCACCGCGGTATTGCCAAC
 CTCTCCACGGGGCCCTGCCGAGCGCTGCGGGGCCCTGAGCATAGGGGACCGTGTCACTGCCATCAACG
 GAACCAGCCTGGTGGGCTGTGCTGGCCGCTGCCAGGCGCTGTGCGGAGGTACGGCGACACTCATC
 CGTGACGCTGAGTATCATCCATTGCCACCAGTACCACGGCCGTATCCACCGGCCACGTGCGCGAG
 CAGCTGGGCTTGTGTGGAGAACGGCATTATTTGCAGCCTGCTGCGTGGGAGTGCAGGCTGAGCGTGGT
 GAGTCCCGTGGACACCGCATCATTGAGGTCAATGGGCAGAGTGTGGTGGCCATGCCCCACGCGCGCAT
 TATCCAGCTGCTCACAGAGACAAGAGAATCCACATCAAGACCATGCCAGCTGCCACCTACCGACTGCTC
 ACGGGACAGGAACAGCCAGTATACCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_031781

Insert Size: 1710 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_031781.1](#), [NP_113969.1](#)

RefSeq Size: 1939 bp

RefSeq ORF: 1710 bp

Locus ID: 83611

UniProt ID: [O70248](#)

Cytogenetics: 7q11

Gene Summary: binds the cytoplasmic tail of amyloid beta precursor protein APP; also binds presenilin 1 cytoplasmic tail [RGD, Feb 2006]