

Product datasheet for **RN208074**

Apbb3 (NM_053957) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb3 (NM_053957) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apbb3
Synonyms:	Fe65I2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208074 representing NM_053957
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGCAAGGATTATATGCTGGCCATCATTCTGGTCAACTGCGATGATGACTTGTGGGGGACCAAA
ATCTGGAGGGGAAACAGGCCTACCCCTGGCTGGAGAAAGATCCGTGATGCTGCAGGAACCTTATTATTG
GCATGTACCCAGCGGTAGCACTCAGTGGCAGCGCCCAACCTGGGAAGTAGCAGAGACCCAGGAACGGGA
AAAGAGGGGATTGGGAACACGACCTCCCAAGGGGAGATCTTTCTCCAGCCTGGACAGCTCATTGAACC
GAAGTAACTCTAACATGGTATAATGAAGATTCTATGTCCGGAGCCTGGAGCCAGGAGCTAAGTGCTT
TGCAGTCCGCTCTCTGGCTGGGTAGAGGTCCCTGAGGAGGACCTGGCACCAGGGAAGAGCAGTATTGCT
GTCAATAACTGTATCCAGCAGCTAGCCCAGGCCGAAACCGAGCCAGCCTCATGATGGTGCCTGGGGT
AGGGCCAGAACATGCTGATGGTCTGAAAAAGATGCCATGAGCTTGTGAATCCCTGGACCACAGTCT
GATCCATTGTGAGCCTCTGGTTCACATCCGTGTATGGGGTGTGGGCAGCTCCAAGGGCCGTGACAGGGAC
TTTGCTTTTGTTCGGGTGACAAAGACAGCTGTATGCTTAAATGTCATGTGTTTCGCTGTGATGTGCCCG
CAAAGCCATAGCAAGTCGTCTACAGGGCTCTGTGCACAGATCTTGTGACAGAGGGTAGGACTCAGTGG
AGAAGCTGCTTGTGTTCCCCAGATCCTATTTCCCTGAAGACTTCCCAAGGCAAGTGAATGCTGGAT
GCAGTGAGCCAGGCTGCTCAGAAGTATGAGGCACTGTACATGGGGATCCTACCAGTCACCAAGCCATGG
GTATGGATGTGCTGAATGAGGCCATTGGTACCCTCACTGGCCGTGGGGACCGGAAACCTGGGTCCCCGC
TATGCTCAGTGTGCTGACTCTCTGATGACTGCACATCCTATTCAGGCAGAGGCTGGTGCAGAGGAAGAG
CCACTGTGGCAGTGTCTGTCCGCCTTGTAACTTTATTGGTGTGGCCATGATCCACATACCTTTGGCC
TCATCGCTGATCTTGGTTGTGAGAGCTCCAGTGTGACGCTTTCTGGTCCCAACCTCATGCTGGGGACT
CTCTGAAGCTGTGCAAGCTGCCTGCATGGTTCAGTACCAGAAGTGTCTAGTGGCCTCAGCAGCTCGGGGT
AAGGCCTGGGGTCTCAGGCTCGCGCTCGCCTGCGGCTCAAGCGGACCAGCTCCATGGACTCCCCAGGCG
GCCCCCTTCTCCCCCTACTCAAAGGAGGGTGGGGTGTGGAGCAGCTCCTCGAAAGCGGGGTGT
CTTCTATTTCTGATGCCTTCAGGCTAAAACCTCTTCTCCATATGCTCCTAAATTGATCTTAGAGGGC
TGGGAAAGAGGCTCTATACTCTCCAGTCCCTAGGGTCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053957

Insert Size: 1515 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_053957.1](#), [NP_446409.1](#)

RefSeq Size: 2024 bp

RefSeq ORF: 1515 bp

Locus ID: 117026

UniProt ID: [O35827](#)

Cytogenetics: 18p11

Gene Summary: May modulate the internalization of amyloid-beta precursor protein.[UniProtKB/Swiss-Prot Function]