

Product datasheet for **RN213802**

Apbb1 (NM_080478) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb1 (NM_080478) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apbb1
Synonyms:	FE65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213802 representing NM_080478
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTGTTCATCATCCCTGAGCCAGTCGGCCATTAATGCTAACAGCCACGGAGGCCCTGCACTCAGCT
 TCCCTTCCCCTTGCATGCTGCCATAACCAGCTGCTCAACGCCAAGCTGCAAGCCACAGCTGTGGTACC
 CAAGGACCTTCGAAGTGCCATGGGAGAGGGTAGTGTGCCTGAACCAAGCCCTGCCAATGCCAAGTGTTA
 AAGGAAGGCCAGAACCAGCTTCGGAGGGCTGCCACAGCCATCGAGACCAGAACCAGAAATGTGACCTTGA
 CCTTGGCGGAGGAGGCCAGCCAGGAGGCTGAGACAGCACCTTTGGGTCCCAAAGGCTTAATGCATCTATA
 CTCTGAGCTGGAGCTCTCGGCCACAATGCAGCCAACCGAGGGCTTCATGGATCCGCCTTGATCATCAAC
 ACCCAGGACTGGGACCAGATGAAGGAGAGGAGAAGGCAGCAGGAGAAGTTGAGGAGGAGGATGAAGATG
 AGGAGGAAGAGGATGAGGAGGAGGAGACTTGTCTTCTCCTCAAGGGCTACCTGAGCCTCTGGAGAAATG
 GGAAGTCCCTCTGGACCCAGTCTCACAGATGGCCCCGGGAACATAGCAAGAGTGCTAGCCTCCTA
 TTTGGCATGCGAAACAGTGCAGCCAGTGCAGGACTCAAGCTGGGCCACCTTATCGCAGGGCAGCCCT
 CCTATGGCTCTCCGGAGGACACAGATTCTTCTGGAACCCCAACGCTTTCGAGACGGATTCCGATCTACC
 GGCTGGATGGATGAGGGTCCAAGACACCTCAGGGACCTACTACTGGCACATCCCAACAGGGACCACCCAG
 TGGGAACCCCAAGCCGGCCCTCCCATCACAGGGGAACAGTCCCAAGAAGAGTCCCAGCTCACCTGGA
 CTGGCTTTGCTCACCAAGAAGGCTTTGAGGAAGGAGAGTTTTGGAAGGATGAACCTAGTGAAGAGGCCCC
 AATGGAGTTGGGACTGAAGGACCTGAGGAGGGACATGGCCCTTCTCAGCTCAGAGCCTCAGCCCAGAG
 CCAGTCCCAAGGAGGAGAGAACTGCCCCAACGGAACGCCAATCCAGGGATCAAGTGTTCGCTGTGC
 GCTCCCTAGGCTGGGTAGAGATGACTGAGGAGGAGTGGCCCCAGGACGCAGCAGTGTGGCAGTCAACAA
 TTGTATCCGCCAGCTCTCCTACCACAAAACAATCTACATGATCCGATGTCTGGAGGCTGGGGAGAGGGA
 AAGGATCTGCTGCTCCAGCTGGAGGATGAGACGCTAAAGTTGGTGGAGCCACAGAACCAGACACTGCTGC
 ATGCCAGCCCATCGTCAGCATTGCGTGTGGGCGTTGGGCGGACAGTGAAGAGAGAGGGACTTTGC
 CTACGTAGCTCGAGATAAGCTGACCCAGATGCTCAAGTGCACGTGTTTCGCTGTGAGGCACCTGCCAAG
 AACATCGCCACCAGCCTGCATGAGATCTGCTCCAAGATCATGTCTGAACGGCGCAATGCTCGCTGCTTGG
 TAAATGGACTCTCCCTGGACACTCTAACTTGTGGATGTCCCTTCCAAGTGAATTCCCAGCACCAAA
 GAATGAACTGGTGCAGAAGTTTCAAGTCTATTACCTAGGGAACGTGCCTGTGGCTAAACCCGTTGGGGTA
 GATGTGATTAATGGAGCCCTGGAGTCAGTCTGTCTTCCAGTAGTCGTGAGCAGTGGACCCCAAGTCAG
 TCAGCGTGGCCCCCTGCCACCCTACCATCTTGACCAGCAGACAGAAGCAGTGTGGGGGAGTGTGAGT
 GCGGTTCTCTCCTTCTGGCTGTGGGCAGAGATGTGCACACGTTTCGATTTCATCATGGCTGCCGGCCCA
 GCCTCCTTCTGCTGTACATGTTTTGGTGCAGCCCAATGCTGCCAGTCTCTCGGAGGCTGTGCAGGCTG
 CATGCATGCTCCGCTACCAGAAGTGTCTGGATGCTCGTCCCAGACCTCCACCTCCTGCCTCCCAGCACC
 CCCTGCGGAGTCAGTTGCGAGACGTGTAGGGTGGACTGTCCGCAGGGGTGTTTCAGTCTCTGTGGGTTCC
 CTCAGCCCAACGTCTAGGATCCCAGACCCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_080478

Insert Size: 2136 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_080478.1</u> , <u>NP_536726.1</u>
RefSeq Size:	2554 bp
RefSeq ORF:	2136 bp
Locus ID:	29722
UniProt ID:	<u>P46933</u>
Cytogenetics:	1q32
Gene Summary:	displays in vitro binding to the NPTY intracellular domain of the Alzheimers disease associated human beta amyloid precursor protein [RGD, Feb 2006]