

## Product datasheet for **RG202016**

### APBB3 (NM\_133174) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	APBB3 (NM_133174) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	APBB3
Synonyms:	FE65L2; SRA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG202016 representing NM\_133174  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGCAAGGATTACATGCTGGCCATCATTCTGGTCAACTGCGATGATGACTTGTGGGGGACCACA  
 GTCTGGAGGTGGAGGCTGCCTGCCTCCTGGCTGGAGGAAGATCCACGATGCTGCAGGTACTTACTACTG  
 GCATGTACCCAGCGGTAGCACCCAGTGGCAGCGCCCAACCTGGGAACTAGGAGATGCAGAGGACCCAGGC  
 ACGGGAACGGAGGGGATCTGGGACTGCGGCCCCCAAGGGAGATCCTTCTCCAGCCTGGAGAGTTCAC  
 TGGACCGGAGTAACCTCTGTCTGGTATGGTGGGGAATCCTACATCCAGAGCATGGAGCCAGGGGCTAA  
 GTGCTTTGCAGTCCGCTCTCTGGGCTGGGTAGAGGTACCTGAAGAGGACCTGGCACCGGGGAAGAGCAGT  
 ATTGCAGTCAATAACTGTATCCAGCAGCTGGCCAGACCCGAGCCGAGCCAGCCTCCAGATGGTGCCT  
 GGGGTGAGGGCCAGAATGCTGATGATCCTGAAGAAGGATGCCATGAGCCTAGTGAATCCCTGGACCA  
 CAGTCTGATCCACTGCCAGCCTCTGGTGCACATCCGTGTGTGGGCGTGGGGAGCTCCAAGGGCCGTGAC  
 AGGGACTTCGCTTTTGTGGCAAGTGACAAAGATAGCTGTATGCTCAAGTGCCATGTGTTTCGCTGTGATG  
 TCCTGCCAAGGCCATTGCCAGTGCCCTACATGGGCTTTGTGCCAGATCTTGTGACAGGCGAGTAGAGGT  
 CAGTGGTGTGCTCTTGTGCTCCCGAGACCCATCTCTCCTGAAGACCTGCCACGGCAAGTGGAGCTG  
 CTGGATGCGGTAAGCCAAGCTGCTCAGAAGTACGAGGCACTGTATATGGGGACTGCCAGTACCAAGG  
 CCATGGGCATGGATGTGCTGAACGAGGCCATTGGTACCCTACCAGCCAGGGGGGACCGGAATGCCTGGGT  
 CCCACCATGCTCAGTGTGCTGACTCTCTCATGACTGCACACCCATTACAGGAGAGCCAGTACAGAG  
 GAGGACCATTTGGCAGTGCCTGTGCGCCTTGTGACATTTATTGGTGTGGCCGCGACCCACACACCT  
 TTGGCCTCATCGTACCTGGGCCGTGAGAGCTCCAGTGGCAGCCTTCTGGTGGCAGCCCATGCAGG  
 GGGACTCTCTGAAGCTGTGACAGGCTGCCTGTATGGTTTCCAGTACCAGAAAGTGTCTTGTGGCCTCTGACGT  
 CGAGGCAAGCCCTGGGGTGGCCAGGCCCTGCCCCGCTGCGGCTCAAGCGGACCAGCTCCATGGATTCCC  
 CAGGAGTCCCCTGCCCTCCCCTGCTCAAAGGAGGGTTGGCGGTGCAGGGGCAACCCCTCGAAAGCG  
 GGGTGTCTTCTCTTCTTGTGATGCCTCCGGCTGAAACCTCTCTGCTCCATATGCC

**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA**

**Protein Sequence:**

>RG202016 representing NM\_133174  
 Red=Cloning site Green=Tags(s)

MLGKDYMLAIILVNCDDDLWGDHSLVEEAGLPPGWRKIHDAAGTYWHVPSGSTQWQRPTWELGDAEDPG  
 TGTEGIWGLRPPKGRSFSSESSLDRSNSLSWYGGESYIQSMEPGAKCFAVRSLGWVEVPEEDLAPGKSS  
 IAVNNCIQQLAQTRSRSPDPDGAWEQNMILMILKDDAMSLVNPLDHSIHCQPLVHIRVWGVGSSKGRD  
 RDFAFVASDKDSCMLKCHVFRCDVPAKAIASALHGLCAQILSERVEVSGDASCCSPDPI SPEDLPRQVEL  
 LDAVSQAAQKYEALYMGTLPVTKAMGMDVLNEAIGTLTARGDRNAWVPTMLSVSDSLMTAHPIQAEASTE  
 EEPLWQCPVRLVTFIGVGRDPHTFGLIADLGRQSFQCAAFWCQPHAGGLSEAVQAACMVQYQKCLVASAA  
 RGKAWGAQARARLRKRTSSMDSPPGGLPLPLKGGVGGAGATPRKRGVFSLLDAFRLKPSLLHMP

**TRTRPLE - GFP Tag - V**

**Restriction Sites:**

SgfI-MluI



**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\\_133174.2](#), [NP\\_573420.2](#)

**RefSeq Size:** 2140 bp

**RefSeq ORF:** 1455 bp

**Locus ID:** 10307

**UniProt ID:** [O95704](#)

**Cytogenetics:** 5q31.3

**Domains:** WW, PID

**Gene Summary:** The protein encoded by this gene is a member of the APBB protein family. It is found in the cytoplasm and binds to the intracellular domain of the Alzheimer's disease beta-amyloid precursor protein (APP) as well as to other APP-like proteins. It is thought that the protein encoded by this gene may modulate the internalization of APP. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]