

Product datasheet for **SC110140**

APBB3 (NM_133172) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APBB3 (NM_133172) Human Untagged Clone
Tag:	Tag Free
Symbol:	APBB3
Synonyms:	FE65L2; SRA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_133172, the custom clone sequence may differ by one or more nucleotides

```
ATGCTGGCAAGGATTACATGCTGGCCATCATTCTGGTCAACTGCGATGATGACTTGTGGGGGACCACA
GCTCTGGAGGTGGAGGCTGGCCTGCCTCCTGGCTGGAGGAAGATCCACGATGCTGCAGGTACTIONACTG
GCATGTACCCAGCGGTAGCACCCAGTGGCAGCGCCCAACCTGGAACTAGGAGATGCAGAGGACCCAGGC
ACGGGAACGGAGGGGATCTGGGACTGCGGCCCCCAAGGGAGATCCTTCTCCAGCCTGGAGAGTTCAC
TGGACCGAGTAACCTCTGTCTGCTGGTATGGTGGGGAATCCTACATCCAGAGCATGGAGCCAGGGGCTAA
GTGCTTTGCAGTCCGCTCTCTGGCTGGGTAGAGGTACCTGAAGAGGACCTGGCACCGGGAAGAGCAGT
ATTGCAGTCAATAACTGTATCCAGCAGCTGGCCCAGACCCGAGCCGAGCCAGCCTCCAGATGGTGCCT
GGGGTGAGGGCCAGAACATGCTGATGATCCTGAAGAAGGATGCCATGAGCCTAGTGAATCCCTGGACCA
CAGTCTGATCCAATGCCAGCCTCTGGTGCACATCCGTGTGTGGGCGTGGGGAGCTCCAAGGGCCGCCCC
ATCTCTGCCCCTGCTAGGGACTTCGCTTTTGTGGCAAGTGACAAAGATAGCTGTATGCTCAAGTGCCATG
TGTTTTGCTGTGATGTCCTGCCAAGGCCATTGCCAGTGCCTACATGGGCTTTGTGCCAGATCTTGTC
AGAGCGAGTAGAGGTAGTGGTATGCCTCTTGTCTGCTCCCCAGACCCATCTCTCTGAAGACCTGCCA
CGGAAGTGGAGCTGCTGGATGCGGTAGCCAAGTCTGCTCAGAAGTACGAGGCACTGTATATGGGGACAC
TGCCAGTACCAAGGCCATGGGCATGGATGTGCTGAACGAGGCCATTGGTACCCTACCGCCAGGGGGGA
CGGAATGCCTGGTCCCACCATGCTCAGTGTCTGACTCTCTCATGACTGCACACCCATTGAGGCA
GAGGCCAGTACAGAGGAGGAGCCATTGTGGCAGTGCCTGTGCGCCTTGTGACATTTATTGGTGTGGCC
GCGACCCACACACCTTTGGCCTCATCGCTGACCTGGGCGTCCAGAGCTTCCAGTGCAGCCTTCTGGTG
CCAGCCCCATGCAGGGGACTCTCTGAAGCTGTGCAAGGCTGCCTGTATGGTTCAGTACCAGAAGTCTT
GTGGCCTCTGCAGCTCGAGGCAAGGCCTGGGGTGGCCAGGCCCGTGGCCGCTGCGGCTCAAGCGGACCA
GCTCCATGGATCCCAGGAGGTCCCCTGCCCTCCCCTGCTCAAAGGAGGGTTGGCGGTGCAGGGGC
AACCCCTGAAAGCGGGGTCTTCTCTTTTCTGATGCCTTCCGGCTGAAACCCCTCTGCTCCATATG
CCCTAA
```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_133172 unedited NNGGTGTCANAATTTGTATACGACTCATATAGGGCGGCCGCAATCGGCACCACTGGGCT TGCAGGGCAGTAGTCCAGAGGTGCGCTGGGCTGAGAGTGGGGCCGGCAGAGGCTGG CGGGGAGCAGCCGGGTTATGCTGGGCAAGGATTACATGCTGGCCATCATTCTGATCAAC TGCGATGATGACTTGTGGGGGACCACAGTCTGGAGGTGGAGGCTGGCCTGCCTCCTGGC TGGAGGAAGATCCACGATGCTGCAGTACTTACTACTGGCATGTACCCAGCGGTAGCACC CAGTGGCAGCGCCCAACCTGGGAAGTGGAGATGCAGAGGACCCAGGCACGGGAACGGAG GGGATCTGGGGACTGCGGCCCCCAAAGGAGATCCTTCTCCAGCCTGGAGAGTTCACTG GACCGGAGTAACCTCTGTCTGCTGGTATGGTGGGAATCCTACATCCAGAGCATGGAGCCA GGGGCTAAGTGTCTTGCAGTCCGCTCTCTGGGCTGGGTAGAGGTACCTGAAGAGGACCTG GCACCGGGGAAGAGCAGTATTGCAGTCAATAACTGTATCCAGCAGCTGGCCAGACCCGC AGCCGGAGCCAGCCTCCAGATGGTGCCTGGGGTGAGGGCCAGAACATGCTGATGATCCT GAAGAAGGATGCCATGAGCCTAGTGAATCCCCTGGACCACAGTCTGATCCACTGCCAGCC TCTGGTGACATCCGTGTGTGGGNNCGTGGGAGCTCCAGGGCCGGTGAGGATGCCTACAT NNCCCCAGCAGAGCTACTTCTCCCTCCCGCTGCAGGCTGTGATCCCCACTGATGCTGATC CCAGTACTTGAACCCCTGGACACGATCCTCTTGATGTGACCCAGNACTGTTCCCTGCTG CTGTCGCCCTG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_133172 unedited GTTCCGTGAGCCCNCTGAGGANCNATTTATAATCCTTTTTTTTTTTTTTTTTTTTTTTTTT TTTGGGGCACTGGAGGGTTTTTATTTGCACTGATTTTGTATAAAGGGTACTGAGGGA AAACCAACTGTCCAGGGTTGGACAGGGCAAGGAACACAAGACCAAGGAAAGGGAGCCA GGGTCCTACCTTGGGGGCAAAGCTTCCCTGCATTCGAAAAACAATAAATTGGGCAATA AATAAACGGGGACAAGGATCGGAGGGACAGGCAAAAAAGGCTTCAAGGAGTGACAGGCT ATAGGCCTTGAGGAATAAACCGGTACAAAAGTTAGGCATGGACCCAAAACCTACTTTCCCA ACCTTTCCAAATAAGTTTAGGGCATATGGAGCAAAAAGGGTTTCAACCGGAAGGGATCAA GAAAAGAAAAACACCCCGCTTTCGAGGGGTTGCCCTGGACCGGCAACCCCTTCTTTGA ACAGGGGGAGGGGAGGGGACCTCCTGGGGAATCCATGGAGCTGGTCCGCTTGAGCCGCA GGCGGGCAGGGCCTGGGCACCCCAAGCCTTGCCTCGAGCTGCAAAAGCCACAAAAA TCTGGTACTGAACCATACAGGCAGCCTGGACAGGTTCAAAGAGTCCCCCTGCATGGGCT GGCACCACAATGGTGCAGTGGAAAGCTCTGACGGGCCACGTACCGATGAAGCCAAAGT GTGGGGTTCGCGCCAACAACAATAAATGTCAAAAGGGCACAAGGCACTGGCCCAATGGC TCTTCTCTGTACTGGCCCTGAAGGGGATGTGCCACCCTTAAAAAGCCACACACCTGG ACCTGGGTGGGGAACCCAGGTTTCCGGTCCCCCTGTGTAGGAAGGGACCAAGGCCTCG TTCAACCAATCCTGCCATGGGCTTTGTGAATGGCAAGGTCCCAATTAAGGGCCCGTTCT TTTGACAAATTGGTTTACCGATCCAAAATTCCTTGA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_133172
Insert Size:	2160 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_133172.1](#), [NP_573418.1](#)

RefSeq Size: 2161 bp

RefSeq ORF: 1476 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]

Transcript Variant: This variant (3) lacks a 6 nt miniexon in the coding region but maintains the same reading frame as transcript variant 4. As a result, variant 3 encodes isoform c which lacks 2 internal aa as compared to isoform d encoded by transcript variant 4.