

Product datasheet for **SC116379**

APBB3 (NM_006051) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APBB3 (NM_006051) Human Untagged Clone
Tag:	Tag Free
Symbol:	APBB3
Synonyms:	FE65L2; SRA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006051, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGCAAGGATTACATGCTGGCCATCATTCTGGTCAACTGCGATGATGACTTGTGGGGGACCACA
GCTCTGGAGGTGGAGGCTGGCCTGCCTCCTGGCTGGAGGAAGATCCACGATGCTGCAGGTACTTACTACTG
GCATGTACCCAGCGGTAGCACCCAGTGGCAGCGCCCAACCTGGAACTAGGAGATGCAGAGGACCCAGGC
ACGGGAACGGAGGGGATCTGGGGACTGCGGCCCCCAAGGGAGATCCTTCTCCAGCCTGGAGAGTTCAC
TGGACCGAGTAACCTCTGTCTGGTATGGTGGGAATCCTACATCCAGAGCATGGAGCCAGGGGCTAA
GTGCTTTGCAGTCCGCTCTCTGGGCTGGGTAGAGGTACCTGAAGAGGACCTGGCACC GGGAAGAGCAGT
ATTGCAGTCAATAACTGTATCCAGCAGCTGGCCCAGACCCGAGCCGAGCCAGCCTCCAGATGGTGCCT
GGGGTGAGGGCCAGAACATGCTGATGATCCTGAAGAAGGATGCCATGAGCCTAGTGAATCCCTGGACCA
CAGTCTGATCCACTGCCAGCCTCTGGTGCACATCCGTGTGTGGGCGTGGGGAGCTCCAAGGGCCGTGAC
AGCCCCATCTCTGCCCTGCTAGGGACTTCGCTTTTGTGGCAAGTGACAAAGATAGCTGTATGCTCAAGT
GCCATGTGTTTTGCTGTGATGTCCTGCCAAGGCCATTGCCAGTGCCTACATGGGCTTTGTGCCAGAT
CTTGTCAGAGCGAGTAGAGGTAGTGGTATGCCTCTTGTGCTCCCCAGACCCCATCTCTCTGAAGAC
CTGCCACGGCAAGTGGAGCTGCTGGATGCGGTAAGCCAAGCTGCTCAGAAGTACGAGGCACTGTATATGG
GGACACTGCCAGTACCAAGGCCATGGGCATGGATGTGCTGAACGAGGCCATTGGTACCCACACCCGAG
GGGGACCGGAATGCCTGGTCCCACCATGCTCAGTGTGTGACTCTCTCATGACTGCACACCCCAT
CAGGCAGAGGCCAGTACAGAGGAGGACCCATTGTGGCAGTGCCCTGTGCGCCTTGTGACATTTATTGGTG
TTGGCCGCGACCCACACACCTTTGGCCTCATCGCTGACCTGGGCCGTGAGAGCTTCCAGTGCAGCCTT
CTGGTGCCAGCCCATGCAGGGGACTCTCTGAAGCTGTGCAGGCTGCCTGTATGGTTAGTACCAGAAG
TGTCTTGTGGCCTCTGCAGCTCGAGGCAAGGCCTGGGGTCCCCAGGCCGTGCCCGCTGCGGCTCAAGC
GGACCAGTCCATGGATTCCCCAGGAGTCCCCTGCCCTCCCCCTGCTCAAAGGAGGGTTGGCGGTGC
AGGGGCAACCCCTCGAAAGCGGGGTGTCTTCTTTTCTTGATGCCTCCGGCTGAAACCCTCTCTGCTC
CATATGCCCTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006051 unedited</p> <pre> ATTTTGTATACGACTCACTATAGGGCGGCCGCGATTTCGGCACGAGGCAGCGGTTTCGCTG GCGTTCGTGGGCCTCCCCCGGACCCACACACGGAAACACGCAACCATTTCGGGGATCCAGA CGCCCCGTTTACACGCACCACCCCTGGGCGGGCTGTGCGGCTCAGGCCCTCCCCCGGGACC GGCCCCGTGCCGCCCGTGTCCCGCCCGTATTTGTGCGGCGCCAGCTGGCCCCGCAGC CTGCGGCGCAGAGAGGCTGGGCTTGCAGGCGCAGTAGCTCCAGAGGTCGCGCTGGGCTGA GAGTGCGGGCCGCGCAGAGGCTGGCGGGGAGCAGCCGGGTTATGCTGGGCAAGGATTACA TGCTGGCCATCATTCTGGTCAACTGCGATGATGACTTGTGGGGGACCACAGTCTGGAGG TGGAGGCTGGCCTGCCTCCTGGCTGGAGGAAGATCCACGATGCTGCAGGTACTTACTACT GGCATGTACCCAGCGGTAGCACCCAGTGGCAGCGCCCAACCTGGGAACTAGGAGATGCAG AGGACCCAGGCACGGAAACGGAGGGATCTGGGGACTGCGGCCCCCAAAGGGAGATCCT TCTCCAGCCTGGAGAGTTCACTGGACCGGAGTAACTCTCTGTCTGGTATGGTGGGGAAT CCTACATCTAGAGCATGGAGCCAGGGGCTAAGTGTCTTGCAGTCCGCTCTCTGGGCTGGG TANAGGTACCTGAAGAGGACCTGGCACCGGGGAAGAGCAGTATTGCAGTCAATAACTGTA TTCAGCAGCTTGGCCAGACCCGATCGGAGCCAGCCTCCAAATGGTGCTGGGGGTGAGGC CACACATGCCGATGATCCTCGAGAGGTATGCCTGAGCCTATTGAATCCCTGGAG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006051 unedited</p> <pre> GGGGCATTTTATTTGCACTGATTTTGCTATAAAGTGTTACTGAGGTAGAGCCACTGTCCA GGTTGGACAGGGGCAAGGAACACAAGGACCCAAGGAAAGGGGAGCCAGGGTCTACGTTG TGGTGCAGTGCCTCCCAGTCATCCGTATAAACAATAAATGGGCAATAAATAGACGGTGG ACAAGGATCGGAGGGACAGGCAGAGAAGGCTTCAAGGAGTGACAGGCTATAGGCCTTGAG GAATAAAACGGTACAGAGTTAGGCATGGACCCAGAGCCTACTTCCCAGCCTTCCAGAT AAGTTTAGGGCATATGGAGCAGAGAGGGTTTCAGCCGGAAGGCATCAAGAAAAGAGAAGA CACCCCGCTTTCGAGGGGTTGCCCTGCACCGCCAACCCCTCCTTTGAGCAGGGGGAGGG GCAGGGGACCTCCTGGGGAATCCATGGAGCTGGTCCGCTTGAAGCCGAGGCGGGCACGGG CCTGGGCACCCAGGCCTTGCTCGAGCTGCAGAGGCCACAAGACACTTCTGGTACTGAA CCATACAGGCAGCCTGCACAGCTTATAGAGTCCCCCTGCATGGGGCTGGCACCAGAAGG CTGCGCACTGGAAGCTCTGACGGCCATGTCAGCGATGATGCCAAGGTGTGTGGGTCGTG GCCAACACCAATAAATGTCACAAGGCGCACAGGGCACTGCCCAATGGGTNCTTCTCTG TACTGGCGCTCTGCCTGACCACACCCAGGTCCTACTATACTGGATGGCATGTGCAAGTCC TGCAGAGAACTACTACCACTTACTACTGTTGTGCGGCCCTAGNCTTCTCCGGTCTCCCTT GGCCGGTAAGGGTACCATTGGTCTTTTGTCCACATCCTCCTCATTGCGTGTGTGATGGTA TTTCCCCTTACAAGCCTTCTCTCTACCATAGTCTCTACCTCACTCCTTCTCCCCG GTTTCGTTCCCTTCCGTCCTCGCGCCATTATTCATTTCTCTCTTCCATCTTCC CTCCTATTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006051
Insert Size:	2620 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_006051.2](#), [NP_006042.2](#)

RefSeq Size: 2215 bp

RefSeq ORF: 1482 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 (4) encodes the longest isoform (d).