

Product datasheet for **MC228816**

Apbb2 (NM_001201415) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb2 (NM_001201415) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Apbb2
Synonyms:	2310007D03Rik; FE65L1; Rirl1; TR2L; Zfra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228816 representing NM_001201415
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGAAGTACTTCCAGCTGACTCAGGTGTTGGCACCTTGGCAGTGTATATGGCCAGCAGCGGATCCA
 CAGACATTGCAAACCGGAACAGCCAGCCACACCACAAATACCTCAATCTCCGTTCTCCACAATGA
 ACTATTAATGCAGAGATCAAACACTCAGATGCCAAGAACAGCACGCCCCCAAATGCAGAAAAAATAT
 GCACTGACTAATATTCAGGCGGCCATGGGCTCTCGGATCCAGCTGTACAGCCCTGCTGGGAAACGGCT
 CTGCCAACATCAAGCTGGTTAAAAATGGGGAGAACCAGCTCCGCAAGGCTGCAGAACAGGGGCAGCAGGA
 CCCCACAAGAACCTCAGCCCTGCAGCCGTCATCAACCTAACCTCCGAGAAGCTGGAGGTTAAAGATCCC
 CACCCACAGGAGTCTTCAGGCTGTGAGATTTTGCCTCCAGCCAGGAGAACTAAGAGTTCCTCAATT
 ACTATGCAGACCTGGAACCTCGGCTAGAGAGCTAGGGCAGAACCTGGGCCCTGCCAAGGGTTGGAGA
 GGAGAAAGCCAGCCTGGCCAGCCAGCCCCAGTAGTCATTGGGAATGGTACTTGTGCCACAGAAA
 CCAAACAACCCCAATCCAGCCAGAGGATGGCCAAGTAGCCACAGTATCGTCCAGCCAGAGACCAAGA
 AAGACCACCTAAAACAGGAGCCAAAACCGACTGTGCCCTCCATCGGATCCAGAACCTGGACCAAGTGA
 CGAGGAATCCAGCTGGACGACGCTGTCCAAGACAGTGCCTCCCCAGCTCCCAGATGAAACAGATATC
 TGGAGTGATCACTCATTTAGACAGATCCCGATTTGCCGCGGGCTGGAAGAGAGTCAATGACATTGCCG
 GGACCTATTACTGGCACATCCCAACAGGGACGACTCAATGGGAACGGCCTGTCTCCATCCCAGCAGATCT
 CCACGGCTCTAGGAAAGGGTCACTTAGTTCTGTAAACGCCATCGCCACCCAGAGAATGAGGATTTGCAC
 GCAGCCACAGTTAACCCAGACCCAGTTTAAAAGAGTTTGAAGGAGCAACGCTACGCTATGCATCCTTGA
 AACTCAGAAACGCCCTCATGGTGATGACGATGATTCTTGTAGTATCAACAGTGACCCAGAAGCCAAAGT
 TTTTGCTGTGCGTTCTCTGGGCTGGGTAGAGATGGCCGAGGAGGACCTTGCCCCCGGAAGAGCAGTGTC
 GCTGTCAACAACCTGCATCCGACAGCTTCTACTGCAAAAACGACATCCGGGACACAGTCCGCATCTGGG
 GAGAGGGCAAAGACATGTACCTGAGCCTGGAAAACGACATGCTCAGCCTGGTGGACCCCATGGACCGCTC
 CGTGTTACTACTCCAGCCATCGTGAACATCCGAGTGTGGGGCTGGGCCGAGACAACGGCCGGGACTTT
 GCTTACGTGGCGAGAGACAAGGACACAAGGATTCTGAAATGCCATGTGTTTCGATGTGACACACCAGCAA
 AAGCCATTGCCACAAGTCTCCACGAAATCTGCTCCAAGATTATGGCTGAACGGAAGAACGCCAAAGCACT
 GGCTGCAGCTCCTTACAGGAGAGGACCAATATGAGTCTCGATGTCCCTTGAAGTAGATTTTCCAACA
 CCAAAGACGGAGCTGGTGCAGAAGTTCCGCGTGCAGTACCTGGGCATGTTACCTGTAGACAGACCTGTCG
 GCATGGACACCCTGAACAGTGCATAGAAAATCTCATGACGTATCCAGCAAGGAGGACTGGCCTTCGGT
 GAACATGAACGTGGCCGACGCCACTGTGACTGTATCAGTGAAAAGAATGAAGAGGAGGTCTTGGTGGAG
 TGTGAGTGCAGTTCCTGTCTTTCATGGGTGTCCGGAAGGATGTCCACACATTCCGCTTCATCATGGACA
 CTGGGAACCAGCGCTTTGAGTGCCATGTGTTCTGGTGTGAGCCTAACGCAGCCAAATGTGTGAGAAGTGT
 CCAGGCTGCCTGCATGTTGCGGTATCAGAAGTGCTTGGTTGCCAGGCCACCTTCGCAGAAAGTCCGGCCC
 CCGCCCCGCCAGCAGATTCAGTGACCCGAAGAGTACGACCAATGTGAAACGAGGGTCTTATCCCTCA
 TTGACACTTTGAAACAGAAGCGGCCGGTACAGAGACTCC**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001201415

Insert Size: 2214 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001201415.1</u> , <u>NP_001188344.1</u>
RefSeq Size:	6602 bp
RefSeq ORF:	2214 bp
Locus ID:	11787
UniProt ID:	<u>Q9DBR4</u>
Cytogenetics:	5 C3.1
Gene Summary:	<p>May modulate the internalization of amyloid-beta precursor protein.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) lacks two in-frame exons compared to variant 1. The resulting isoform (4) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>