

Product datasheet for **MC228818**

Apbb2 (NM_001201414) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb2 (NM_001201414) 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: >MC228818 representing NM_001201414
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGAAGTACTTCCAGCTGACTCAGGTGTTGGCACCTTGGCAGTGTTTATGGCCAGCAGCGGATCCA
 CAGACATTGCAAACCGGAACAGCCAGCCACACCACAAATACCCTCAATCTCCGTTCTCCACAAATGA
 ACTATTAATGCAGAGATCAAACACTCAGATGCCAAGAACAGCACGCCCCCAAATGCAGGAAAAATAT
 GCACTGACTAATATTCAGGCGGCCATGGGCTCTCGGATCCAGCTGTACAGCCCTGCTGGGAAACGGCT
 CTGCCAACATCAAGCTGGTTAAAAATGGGGAGAACCAGCTCCGCAAGGCTGCAGAACAGGGGCAGCAGGA
 CCCCACAAGAACCTCAGCCCTGCAGCCGTCATCAACCTAACCTCCGAGAAGCTGGAGGTTAAAGATCCC
 CACCCACAGGAGTCTTCAGGCTGTGAGATTTTGCCTCCAGCCAGGAGAACTAAGAGCTTCTCAATT
 ACTATGCAGACCTGGAACCTCGGCTAGAGAGCTAGGGCAGAACCTGGGCCCTGCCAAGGGTTGGAGA
 GGAGAAAGCCAGCCTGGCCAGCCAGCCCCAGTAGTCATTGGGAATGGTGACTTGCTGCCACAGAAA
 CCAAACAACCCCAATCCAGCCAGAGGATGGCCAAGTAGCCACAGTATCGTCCAGCCAGAGACCAAGA
 AAGACCACCTAAAACAGGAGCCAAAACCGACTGTGCCCTCCATCGGATCCAGAACCTGGACCAAGTGA
 CGAGGAATCCAGCTGGACGACGCTGTCCAAGACAGTGCCTCCCCAGCTCCCAGATGAAACAGCAGAT
 ATCTGGAGTGACTCAATTCAGACAGATCCCGATTTGCCGCGGGCTGGAAAGAGTCAATGACATTG
 CCGGGACCTATTACTGGCACATCCCAACAGGGACGACTCAATGGGAACGGCTGTCTCCATCCCAGCAGA
 TCTCCACGGCTCTAGGAAAGGGTCACTTAGTTCTGTAACGCCATCGCCACCCAGAGAATGAGGATTTG
 CACGCAGCCACAGTTAACCCAGACCCAGTTTAAAAGAGTTTGAAGGAGCAACGCTACGCTATGCATCCT
 TGAAACTCAGAAACGCCCTCATGGTGATGACGATGATTCTTGATATCAACAGTGACCCAGACCCAA
 GTGTTTTGCTGTGCGTTCTCTGGGCTGGGTAGAGATGGCCGAGGAGACCTTGCCCCGGGAAGAGCAGT
 GTCGCTGTCAACAACTGCATCCGACAGCTTTCCTACTGCAAAAACGACATCCGGGACACAGTCGGCATCT
 GGGGAGAGGGCAAAGACATGTACCTGAGCCTGGAAAACGACATGCTCAGCCTGGTGGACCCCATGGACCG
 CTCCGTGTTACACTCCCAGCCCATCGTGAACATCCGAGTGTGGGGCTGGGCCGAGACAACGGCCGGGAC
 TTTGCTTACGTGGCGAGAGACAAGGACACAAGGATTCTGAAATGCCATGTGTTTCGATGTGACACACCG
 CAAAAGCCATTGCCACAAGTCTCCACGAAATCTGCTCAAAGATTATGGCTGAACGGAAGAACGCCAAAGC
 ACTGGCCTGCAGCTCCTACAGGAGAGGACCAATATGAGTCTCGATGTCCCTTTGCAAGTAGATTTTCCA
 ACACCAAAGACGGAGCTGGTGCAGAAGTCCGCGTGCAGTACCTGGGCATGTTACCTGTAGACAGACCTG
 TGGCATGGACACCTGAACAGTGCCATAGAAAATCTCATGACGTCATCCAGCAAGGAGGACTGGCCTTC
 GGTGAACATGAACGTGGCCGACGCCACTGTGACTGTCATCAGTGAAGAATGAAGAGGAGGTCTTGGTG
 GAGTGTGAGTGCAGTTCCTGTCCTTATGGGTGTGGGAAGGATGTCCACATTCGCCTTTCATCATGG
 AACTGGGAACAGCGCTTTGAGTGCCATGTGTTCTGGTGTGAGCCTAACGCAGCCAATGTGTCAGAAGC
 TGTCCAGGCTGCCTGCATGTTGCGGTATCAGAAGTGCTTGGTTGCCAGGCCACCTTCGCAGAAAGTCCGG
 CCCCCCCCCGCCAGCAGATTCAGTGACCCGAAGAGTCACGACCAATGTGAAACGAGGGGTCTTATCCC
 TCATTGACACTTTGAAACAGAAGCGGCCGGTACAGAGACTCC**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001201414
Insert Size: 2217 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_001201414.1, NP_001188343.1</u>
RefSeq Size:	6668 bp
RefSeq ORF:	2217 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 (3) uses an alternate splice site in the 5' UTR and lacks two alternate in-frame exons compared to variant 1. The resulting isoform (2) 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>