

Product datasheet for **MC226318**

Apbb2 (NM_001201416) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apbb2 (NM_001201416) 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
Fully Sequenced ORF: >MC226318 representing NM_001201416
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCTGAACGGAAGAACGCCAAAGCACTGGCCTGCAGCTCCTTACAGGAGAGGACCAATATGAGTCTCG
ATGTCCCTTTGCAAGTAGATTTTCCAACACCAAAGACGGAGCTGGTGCAGAAGTCCGCGTGCAGTACCT
GGGCATGTTACCTGTAGACAGACCTGTCCGCATGGACACCCTGAACAGTGCCATAGAAAATCTCATGACG
TCATCCAGCAAGGAGGACTGGCCTTCGGTGAACATGAACGTGGCCGACGCCACTGTGACTGTCATCAGTG
AAAAGAATGAAGAGGAGGTCTTGGTGGAGTGTCCGAGTGCAGTTCCTGTCCTTCATGGGTGTCGGGAAGGA
TGTCCACACATTCGCCTTCATCATGGCACTGGGAACCAGCGCTTTGAGTGCCATGTGTTCTGGTGTGAG
CCTAACGCAGCCAATGTGTGAGAAGCTGTCCAGGCTGCCTGCATGTTGCGGTATCAGAAGTGCTTGGTTG
CCAGGCCACCTTCGCAGAAAGTCCGGCCCCCGCCCCGCCAGCAGATTACAGTGACCCGAAGAGTCACGAC
CAATGTGAAACGAGGGTCTTATCCCTCATTGACACTTTGAAACAGAAGCGGCCGGTCCACAGAGACTCCC
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001201416
Insert Size: 633 bp



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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_001201416.1</u> , <u>NP_001188345.1</u>
RefSeq Size:	4768 bp
RefSeq ORF:	633 bp
Locus ID:	11787
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 (5) lacks multiple coding exons from the 5' end and has an alternate 5' exon compared to variant 1. It initiates translation at a downstream start codon. The resulting isoform (5) has a shorter N-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>