

## Product datasheet for **MC221358**

### Apbb2 (NM\_009686) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb2 (NM_009686) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Apbb2
Synonyms:	2310007D03Rik; FE65L1; Rirl1; TR2L; Zfra
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221358 representing NM\_009686  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCAGAAGTACTTCCAGCTGACTCAGGTGTTGGCACCTTGGCAGTGTATTATGGCCAGCAGCGGATCCA  
 CAGACATTGCAAACCGGAACAGCCAGCCACACCACAAATACCCTCAATCTCCGTTCTCCACAAATGA  
 ACTATTAATGCAGAGATCAAACACTCAGATGCCAAGAACAGCACGCCCCCAAATGCAGGAAAAATAT  
 GCACTGACTAATATTCAGGCGGCCATGGGCTCTCGGATCCAGCTGTACAGCCCTGCTGGGAAACGGCT  
 CTGCCAACATCAAGCTGGTTAAAAATGGGGAGAACCAGCTCCGCAAGGCTGCAGAACAGGGGCAGCAGGA  
 CCCCACAAGAACCTCAGCCCTGCAGCCGTCATCAACCTAACCTCCGAGAAGCTGGAGGTTAAAGATCCC  
 CACCCACAGGAGTCTTCAGGCTGTGAGATTTTGCCTCCAGCCAGGAGAACTAAGAGCTTCTCAATT  
 ACTATGCAGACCTGGAACCTCGGCTAGAGAGCTAGGGCAGAACCTGGGCCCTGCCAAGGGTTGGAGA  
 GGAGAAAGCCAGCCTGGCCAGCCAGCCCCAGTAGTCATTGGGAATGGTACTTGTGCCACAGAAA  
 CCAAACAACCCCAATCCAGCCAGAGGATGGCCAAGTAGCCACAGTATCGTCCAGCCAGAGACCAAGA  
 AAGACCACCTAAAACAGGAGCCAAAACCGACTGTGCCCTCCATCGGATCCAGAACCTGGACCAAGTGA  
 CGAGGAATCCAGCTGGACGACGCTGTCCCAAGACAGTGCCTCCCCAGCTCCCAGATGAAACAGATATC  
 TGGAGTGATCACTCATTTAGACAGATCCCGATTTGCCGCGGGCTGGAAGAGAGTCAATGACATTGCCG  
 GGACCTATTACTGGCACATCCCAACAGGGACGACTCAATGGGAACGGCCTGTCTCCATCCCAGCAGATCT  
 CCACGGCTCTAGGAAAGGGTCACTTAGTTCTGTAAACGCCATCGCCACCCAGAGAATGAGAAACAGCCA  
 TGGAGTGATTTTGTCTGTCTGAATGGGGAAAGATTAATAGTGACATTTGGAAGGATTTGCACGCAGCCA  
 CAGTTAACCCAGACCCAGTTTAAAAGAGTTTGAAGGAGCAACGCTACGCTATGCATCCTTAAAACCTCAG  
 AAACGCCCTCATGGTGATGACGATGATCTTGTAGTATCAACAGTGACCCAGAAGCCAAGTGTTTTGTCT  
 GTGCGTCTCTGGGCTGGGTAGAGATGGCCGAGGAGACCTTGCCCCGGGAAGAGCAGTGTGCTGTCA  
 ACAACTGCATCCGACAGCTTTCCTACTGCAAAAACGACATCCGGGACACAGTCCGCATCTGGGGAGAGGG  
 CAAAGACATGTACCTGAGCCTGGAAAACGACATGCTCAGCCTGGTGGACCCCATGGACCGCTCCGTGTTA  
 CACTCCCAGCCATCGTGAACATCCGAGTGTGGGGCGTGGGCCGAGACAACGGCCAGAGAGGGACTTTG  
 CTTACGTGGCGAGAGACAAGGACACAAGGATTCTGAAATGCCATGTGTTTCGATGTGACACACCAGCAA  
 AGCCATTGCCACAAGTCTCCACGAAATCTGCTCCAAGATTATGGCTGAACGGAAGAACGCCAAAGCACTG  
 GCCTGCAGCTCCTTACAGGAGAGGACCAATATGAGTCTCGATGTCCCTTTCGAAGTAGATTTTCCAACAC  
 CAAAGACGGAGCTGGTGCAGAAGTTCGCGTGACGTACCTGGGCATGTTACCTGTAGACAGACCTGTCCG  
 CATGGACACCCTGAACAGTGCCATAGAAAATCTCATGACGTCATCCAGCAAGGAGGACTGGCCTTCGGTG  
 AACATGAACGTGGCCGACGCCACTGTGACTGTCATCAGTGAAGAAGTGAAGAGGAGGCTTGGTGGAGT  
 GTCGAGTGCGGTTCCTGTCTTCATGGGTGTCGGGAAGGATGTCCACACATTCGCCTTCATCATGGACAC  
 TGGGAACCCAGCGCTTTGAGTGCCATGTGTTCTGGTGTGAGCCTAACGCAGCCAATGTGTCAGAAGCTGTC  
 CAGGCTGCCTGCATGTTGCGGTATCAGAAGTGTGGTTGCCAGGCCACCTTCGCAGAAAGTCCGGCCCC  
 CGCCCCGCCAGCAGATTCAAGTACCCGAAGAGTACGACCAATGTGAAACGAGGGGTCTTATCCCTCAT  
 TGACACTTTGAAACAGAAGCGGCCGGTCCAGAGACTCCCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_009686  
**Insert Size:** 2283 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_009686.2</a> , <a href="#">NP_033816.1</a>
<b>RefSeq Size:</b>	6671 bp
<b>RefSeq ORF:</b>	2283 bp
<b>Locus ID:</b>	11787
<b>UniProt ID:</b>	<a href="#">Q9DBR4</a>
<b>Cytogenetics:</b>	5 C3.1
<b>Gene Summary:</b>	<p>May modulate the internalization of amyloid-beta precursor protein.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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>