

## Product datasheet for **MC220705**

### Apbb2 (BC076587) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb2 (BC076587) 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:** >BC076587  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCAGAAGTACTTCCAGCTGACTCAGGTGTTGGCACCTTGGCAGTGTATATGGCCAGCAGCGGATCCA  
 CAGACATTGCAAACCGGAACAGCCAGCCACACCACAAATACCCTCAATCTCCGTTCTCCACAAATGA  
 ACTATTAATGCAGAGATCAAACACTCAGATGCCAAGAACAGCACGCCCCCAAATGCAGGAAAAATAT  
 GCACTGACTAATATTCAGGCGGCCATGGCCTCTCGGATCCAGCTGTACAGCCCTGCTGGGAAACGGCT  
 CTGCCAACATCAAGCTGGTTAAAAATGGGGAGAACCAGCTCCGCAAGGCTGCAGAACAGGGGCAGCAGGA  
 CCCCACAAGAACCTCAGCCCTGCAGCCGTCATCAACCTAACCTCCGAGAAGCTGGAGGTTAAAGATCCC  
 CACCCACAGGAGTCTTCAGGCTGTGAGATTTTGCCTCCAGCCAGGAGAACTAAGAGCTTCTCAATT  
 ACTATGCAGACCTGGAACCTCGGCTAGAGAGCTAGGGCAGAACCTGGGCCCTGCCAAGGGTTGGAGA  
 GGAGAAAGCCAGCCTGGCCAGCCAGCCCCAGTAGTCATTGGGAATGGTACTTGTGCCACAGAAA  
 CCAAACAACCCCAATCCAGCCAGAGGATGGCCAAGTAGCCACAGTATCGTCCAGCCAGAGACCAAGA  
 AAGACCACCTAAAACAGGAGCCAAAACCGACTGTGCCCTCCATCGGATCCAGAACCTGGACCAAGTGA  
 CGAGGAATCCAGCTGGACGACGCTGTCCAAGACAGTGCCTCCCCAGCTCCCAGATGAAACAGATATC  
 TGGAGTGATCACTCATTTAGACAGATCCCGATTTGCCGCGGGCTGGAAGAGAGTCAATGACATTGCCG  
 GGACCTATTACTGGCACATCCCAACAGGGACGACTCAATGGGAACGGCCTGTCTCCATCCCAGCAGATCT  
 CCACGGCTCTAGGAAAGGGTCACTTAGTTCTGTAAACGCCATCGCCACCCAGAGAATGAGGATTTGCAC  
 GCAGCCACAGTTAACCCAGACCCAGTTTAAAAGAGTTTGAAGGAGCAACGCTACGCTATGCATCCTTGA  
 AACTCAGAAACGCCCTCATGGTGTAGCAGTATTCTTGTAGTATCAACAGTGACCCAGAAGCCAAAGT  
 TTTTGCTGTGCGTTCTCTGGGCTGGGTAGAGATGGCCGAGGAGGACCTTGCCCCCGGAAGAGCAGTGTC  
 GCTGTCAACAACCTGCATCCGACAGCTTCTACTGCAAAAACGACATCCGGGACACAGTCCGCATCTGGG  
 GAGAGGGCAAAGACATGTACCTGAGCCTGGAAAACGACATGCTCAGCCTGGTGGACCCCATGGACCGCTC  
 CGTGTTACTACTCCAGCCATCGTGAACATCCGAGTGTGGGGCTGGGCCGAGACAACGGCCGGGACTTT  
 GCTTACGTGGCGAGAGACAAGGACACAAGGATTCTGAAATGCCATGTGTTTCGATGTGACACACCAGCAA  
 AAGCCATTGCCACAAGTCTCCACGAAATCTGCTCCAAGATTATGGCTGAACGGAAGAACGCCAAAGCACT  
 GGCTGCAGCTCCTTACAGGAGAGGACCAATATGAGTCTCGATGTCCCTTGAAGTAGATTTTCCAACA  
 CCAAAGACGGAGCTGGTGCAGAAGTTCCGCGTGCAGTACCTGGGCATGTTACCTGTAGACAGACCTGTCG  
 GCATGGACACCCTGAACAGTGCATAGAAAATCTCATGACGTATCCAGCAAGGAGGACTGGCCTTCGGT  
 GAACATGAACGTGGCCGACGCCACTGTGACTGTATCAGTGAAAAGAATGAAGAGGAGGTCTTGGTGGAG  
 TGTGAGTGCAGTTCCTGTCTTTCATGGGTGTCCGGGAAGGATGTCCACACATTCCGCTTTCATGAGACA  
 CTGGGAACCAGCGCTTTGAGTGCATGTGTTCTGGTGTGAGCCTAACGCAGCCAAATGTGTGAGAAGCTGT  
 CCAGGCTGCCTGCATGTTGCGGTATCAGAAGTGCTTGGTTGCCAGGCCACCTTCGCAGAAAGTCCGGCCC  
 CCGCCCCGCCAGCAGATTCAGTGACCCGAAGAGTACGACCAATGTGAAACGAGGGGTCTTATCCCTCA  
 TTGACACTTTGAAACAGAAGCGGCCGGTACAGAGACTCCCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC076587  
**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).

<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>	<u><a href="#">BC076587</a></u> , <u><a href="#">AAH76587</a></u>
<b>RefSeq Size:</b>	3303 bp
<b>RefSeq ORF:</b>	2213 bp
<b>Locus ID:</b>	11787
<b>Cytogenetics:</b>	5 C3.1
<b>Gene Summary:</b>	May modulate the internalization of amyloid-beta precursor protein.[UniProtKB/Swiss-Prot Function]