

## Product datasheet for **RN209156**

### Ap2b1 (NM\_080583) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ap2b1 (NM_080583) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap2b1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209156 representing NM\_080583  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTGACTCCAAGTACTTCAACAATAAGAAGGGAGAAATCTTTGAATTAAGAGCTGAACTCAACA  
 ATGAAAAGAAAAGAAAAGAGGAAGGAGGCTGTGAAGAAAGTGATTGCTGCTATGACCGTGGGAAGGATGT  
 GAGCTCTCTCTCCAGATGTGGTGAAGTGTATGCAGACTGACAACCTGGAACTAAAGAAGCTTGTGTAC  
 CTCTATCTGATGAACTATGCCAAGAGTCAGCCAGACATGGCCATCATGGCTGTCAACAGCTTTGTGAAGG  
 ATTGTGAAGACCCCAATCCTTTGATTGAGCCTTGGCAGTTAGAACCATGGGATGCATCCGGGTGGACAA  
 GATTACAGAGTATCTCTGTGAACCCCTCCGCAAGTGTGAAGGATGAAGACCCCTATGTTGCGAAAAACA  
 GCAGCAGTATGCGTGGCAAACTCCATGATATCAATGCCAGATGGTGAAGATCAGGGATTTCTGGATT  
 CTCTGCGGGATCTCATAGCAGATTCAAACCAATGGTGGTGGCTAATGCTGTAGCAGCATTGTCTGAGAT  
 CAGTGAGTCTACCCAAACAGCAACTTACTTGATCTGAACCCCTCAGAATATCAATAAGCTGCTCACAGCC  
 CTGAATGAGTGCAGTGGGGCCAGATTTTCATCTTGGACTGCCTGTCTAATTAACAACCTAAAGATG  
 ACCGGGAAGCTCAGAGCATCTGTGAGCGAGTGACGCCCTCGGCTCTCTCATGCCAATTCTGCAAGTGGTGT  
 TTCAGCAGTAAAAGTTCTGATGAAGTTTCTAGAGTTGTTACCCAAGGACTCTGACTACTACAATATGCTG  
 CTAAGAAGCTAGCGCCTCCACTTGTCACTTTGCTCTCTGGGGAGCCAGAAGTGCAGTATGTTGCCCTGA  
 GGAACATCAACCTAATTTGCCAGAAAAGGCTGAAATCTGAAGCAGGAAATCAAGGTCTCTTTGTGAA  
 GTACAATGATCCTATCTATGTTAACTAGAGAAGTTAGACATCATGATTTCGTCTTGATCCCAAGCCAAC  
 ATTGCTCAGGTTCTGGCAGAAGTGAAGGAATAGCCACTGAAGTTGATGTGGACTTTGTTGCGAAAGCTG  
 TGAGGGCCATTGGACGGTGTGCCATCAAAGTGGAGCAATCAGCAGAACCGTGTGTGAGCAGACTCTTGA  
 TCTAATCCAGACCAAGTAAATTATGTGGTCCAAGAGGCAATTGTTGTCATCAGGGACATCTTCCGAAAA  
 TACCCCAACAAGTATGAGAGCATTATCGCCACGCTGTGTGAGAAGTTGGACTCCCTGGATGAACCCGATG  
 CCCGAGCGGCTATGATTTGGATTGTAGGAGAGTATGCTGAAAGAATCGATAATGCCGATGAGTTACTAGA  
 GAGCTTCTGGAAGGTTTTCATGATGAAAGCACCCAGGTGCAGCTCACGTTGCTTACCGCCATAGTGAAA  
 CTGTTTCTCAAGAAGCCATCAGAAACACAGGAGCTGGTCCAACAGGTCTTGGACTGGCCACACAGGATT  
 CTGATAATCCTGACCTTCGAGATCGGGTTATATTTATGGCGCCTTCTTCAACTGACCTGTGACAGC  
 CAAAGAAGTAGTGTGTCTGAGAAGCCATTGATCTCTGAGGAAACAGACCTCATTGAACCTACCCTCCTG  
 GATGAGCTCATCTGCCACATTGGTTCTTTGGCCTCCGTGTACCATAAACCTCCGAATGCTTTTGTGGAAG  
 GGAGCCATGGCATTTCATCGCAAACACTTCCAATTCACCATGGGAGCACTGATGCAGGTGATAGCCCTGT  
 TGGCACCACCACTGCAACCAACCTGGAACAGCCTCAGGTCATCCCTCTCAAGGTGACCTTCTGGGGAT  
 CTTTTAAATCTTGACCTGGGTCCCCAGTGAATGTCCCGCAAGTGTCTCCATGCAGATGGGAGCAGTGG  
 ATCTTTTAGGAGGAGGACTGGATAGCCTGCTTGGCAGTGACCTTGGCGGGGGCATTGGAGGAAGTCCGGC  
 AGTAGGACAGTCTTTCATCCCGTATCAGTGCCTGCAACCTTCGCTCCTTCACTACTCCTGTGTGGTC  
 AGCAGTGGTCTGAATGACCTGTTGAGCTTCCACTGGGATAGGCATGGCACCTGGCGGATATGTGGCTC  
 TAAGGCAGTCTGGCTACCTGCTGTAAGGCTAAAGGCTTGGAGATTTGGGGACGTTTACTCACCGCCA  
 AGGGCACATCTATGGAATGAACCTTCAACAACAAGCTCTGCAGCACATGACGGATTTGCCATCCAG  
 TTTAACAAGAATAGCTTCGGTGTATCCCGAGCACTCCCTTGGCCATACATACTCCGCTGATGCCAAACC  
 AGAGCATTGATGTCTCTGCCTCTCAACACCTTGGGCCAGTCAAGATGGAGCCTCTGAATAACTT  
 GCAGGTGGCTGTTAAAAACAATATTGATGTCTTACTTCACTCAGCTGCCTCATCCCACTCAATGTGCTTTT  
 GTAGAAGATGGCAAAATGGAACGCCAGGTCTTCTTGGCAGTGGAAAGGATATCCCAATGAAAATGAGC  
 TCCAATTCAGATTAAGGAGTGTCAATTAACGCTGACACAGTTTCCAGCAAGTTGCAAAACAACAATGT  
 TTACACTATCGCCAAGAGGAATGTGGAGGGCAGGACATGCTGTACCAGTCCCTGAAGCTCAATATGGC  
 ATTTGGATTTTGGCAGAGCTGCGGATCCAGCCAGGAAACCCCAATATACGCTGTCGCTGAAGTGTAGAG  
 CCCCTGAAGTCTCTCAGTACATCTATCAGTCTACGACAGCATTTTGAAAAACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

ACCN:	NM_080583
Insert Size:	2856 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).
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"><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>
RefSeq:	<a href="#">NM_080583.1</a> , <a href="#">NP_542150.1</a>
RefSeq Size:	5413 bp
RefSeq ORF:	2856 bp
Locus ID:	140670
UniProt ID:	<a href="#">P62944</a>
Cytogenetics:	10q26
Gene Summary:	subunit of the clathrin-associated protein complex 2 [RGD, Feb 2006]