

Product datasheet for **RN210374**

Ap1b1 (NM_017277) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap1b1 (NM_017277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap1b1
Synonyms:	Adtb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210374 representing NM_017277
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGACTCAAATACTTCACAACAACCAAGAAAGGGGAGATCTTCGAGTTGAAGGCAGAGCTTAACA
 GTGACAAGAAGGAGAAGAAGAAGGAGGCAGTAAAGAAAGTGATTGCATCAATGACCGTGGCCAAAGATGT
 CAGTGCTCTCTCCCTGATGTGGTGAAGTGCATGCAGACAGACAACCTGGAGCTAAAGAAGCTGGTGATC
 CTGTAATGATGAAGTATGCCAAGAGTCAAGCTGACATGGCCATTATGGCTGTCAACACCTTCGTGAAGG
 ACTGTGAGGACCCCAACCCCTTATCCGGGCCCTGGCTGTGAGGACTATGGGCTGCATCCGAGTTGACAA
 GATCACAGAGTACTTGTGTGAACCACTCCGAAATGCCTGAAGGATGAAGACCCATATGTGCGCAAGACA
 GCAGCTGTGTGTAGCCAAGCTCCACGACATCAACGCCAGCTGGTAGAGGACCAGGGTTTCTGGACA
 CACTCAAAGACCTCATCTGACTCTAACCCATGGTGGTAGCAAATCGAGTGGCTGCCCTGTGAGAGAT
 CGCTGAGTCTACCCAGTAGCAACCTGCTTGACTTGAAGGCACAGTCTATCAACAAGCTGCTGACGGCC
 CTTAATGAGTGCACCGAGTGGGCCAGATCTTCATTCTGGACTGTCTGGGCAACTACATGCCCAAGGATG
 ACCGTGAGGCCAGAGCATCTGCGAGCGGGTCACTCCTAGGCTTCCCATGCCAACTCTGCTGTGGTGCT
 GTCCGAGTGAAGGTCTGATGAAGTTCATGGAGATGCTGTCTAAGGACCTGGACTACTATGCCACACTA
 CTCAAGAAGCTGGCCCTCCCCTGGTCAACCCTGCTGTCAGCAGAGCCAGAGCCGAGTATGTGCCTCTGC
 GCAATATTAACCTCATTGTACAGAAAAGGCCAGAGATTTGAAGCATGAAATGAAGGTTTTCTTTGTGAA
 GTACAATGACCCATCTATGTGAAGCTGGAGAACTGGACATTATGATCCGCCTGGCCTCCCAGGCCAAC
 ATTGCCAGGTTTTGGCAGAACTCAAAGAGTACGCGACAGAAGTAGATGTGGATTTGTACGGAAGGCAG
 TGCGTCCATTGGCCGCTGTGCCATCAAGTGGAGCAATCTGCAGAGCGTGTGTGAGCACATTGCTTGA
 TCTCATCCAGACCAAGGTCAACTATGTGGTCCAGGAAGCCATTGTGGTCAATAAGACATCTCCGCAAG
 TACCCCAACAAGTACGAGAGTGTGATAGCCACACTGTGTGAGAATCTGGACTCGTGATGAGCCTGAGG
 CTCGCGCTGCTATGATCTGGATAGTGGCGAGTATGCTGAGCGGATTGACAATGCGGACGAGCTGCTTGA
 GAGCTTCTCGACGGTTCATGACGAGAGCACCAGGTCCAGCTACAGCTGCTGACAGCCATTGTGAAG
 CTCTTCTGAAGAAGCCAACAGAGACGCAGGAGCTGGTGCAGCAGGTCTCAGTTTGGCCACTCAGGACT
 CGGACAATCCAGACCTTCGGGACCGTGGCTACATCTACTGGCGCTGCTCTCCACGGACCTGTAGCTGC
 CAAAGAGGTGGTACTGGCTGAGAAGCCCTCATCTCAGAAGAGACAGACCTTATTGAGCCACACTGCTG
 GATGAACCTCATCTGCTACATTGGCACACTGGCCTCTGTCTACCACAAGCCACCCAATGCCTTTGTGGAGG
 GCGGCCGGGAGTGGTGCACAAGAGTCTGCCACCTCGCACTGCCTCGAGCGAAAGCACAGAGAGCCCTGA
 GGCAGCCCTGCCGGAGCACCTGCTAGTGACCAGCCTGATGTCATTCTGCCAGGGTGACCTGTTAGGT
 GACCTCCTCAACCTGGACCTTGGGCCCCAGTGAAGTGGCCACCCCTTGGCTGCCTCCTCAGTGCAGATGG
 GAGCTGTGGATCTTCTTGGTGGTGGCCTCGACAGCCTGATGGGGATGAGCCTGAAGGGATTGGAGACAG
 CAACTTTGGGACCTCCAGCATCAGTGGCGGGCAGCACCAGCCAGACTTGGAGCACCCGTGAGCAGT
 GGCTTAAGTGACCTCTTTGACCTGACCAGTGGAGTGGGCACCCCTCAGGGTCTATGTCGCTCCCAAAG
 CAGTTTGGCTCCCTGCCATGAAGGCCAAGGGCTGGAAATCTCTGGCACCTTACCCGGCAGGTGGCTC
 CATCTCCATGGATCTGCAGCTGACTAACAAGCCCTGCAGTCAAGACAGATTTCCGATCCAGTTAAT
 CGGAACAGCTTTGGCTTGGCCCGCTGCGCCACTCCAAGTGCAGCCCCACTGAGCCCCAACAGACGG
 TGAGATCTCCCTGCCTCTTAACACGGTGGGCTCAGTCAAGATGGAGCCTCTGAACAATCTTCAAGT
 GGCTGTGAAGAACAACATTGACGTCTTCTACTTCAAGCACTTTGTACCCACTGCATGTCCTCTTCTGGAG
 GACGGGAAGTGGACCGGCAGATGTTCTGGCCACATGGAAGGACATTCCCAACGAGAATGAAGCCAGT
 TCCAGATCAGAGACTGCCCGCTGAACACAGAGGCTGCAAGCAGCAAGCTGCAAAGCAGTAACATTTTAC
 TGTGCCAAGAGGACTGTGGAGGGCCAGGACATGCTCTACCAATCTCTGAAGTTGACCAATGGCATCTGG
 GTGCTGGCAGAGCTGCGGATCCAGCCAGGCAACCCAGTTTACGCTGTCCCTGAAGTGTGAGCCCCAG
 AGGTGTCCAGCATGATATCCAGGCCTACGAGACCATCTCAAGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_017277
Insert Size:	2850 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">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:	NM_017277.1 , NP_058973.1
RefSeq Size:	3679 bp
RefSeq ORF:	2850 bp
Locus ID:	29663
UniProt ID:	P52303
Cytogenetics:	14q21
Gene Summary:	may direct receptors for inclusion in clathrin coated vesicles [RGD, Feb 2006]