

Product datasheet for **RN208144**

Ap3b1 (NM_001107646) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap3b1 (NM_001107646) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap3b1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208144 representing NM_001107646
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGTCGCTCAGCTGTACTGGCACATCTCACCCAGGTCGGAGGCTGGTGTCAATTTCTAAATCGCTGG
 TGGCCTACTTCGCAGCCATAGGGAGGTGCAGTATATTGTATTGCAAAAATATCGCAACTATGTCAATTC
 GAGAAAGGGTATGTTTGAACCTTACCTGAAGAGCTTCTATGTCCGGTCCACTGATCCAACATATGATCAAG
 ACTCTGAAGCTTGAAATCTTGACAAACTTGGCAAATGAAGCCAACATATCAACTCTTCTTCGAGAATTT
 AGACCTACGTGAGAAGCCAGGACAAACAGTTTGCAGCGGCCACTATTCAGACCATAGGCAGATGTGCAAC
 CAGCATTGCCGAGGTCCTGACACATGCCTCAATGGCCTGGTCTGCCTGTGCAACAGGGATGAAATA
 GTTGTGCTGAAAGTGTGGTGTATAAAGAAATTTGTTGCAAATGCAGCCTGCACAGCATGGTGAATTA
 TTAAGCACATGGCGAAGCTGTTGGACAGCATCACTGTCCCTGTGGCTCGAGCAAGCATTCTTTGGCTGAT
 TGGAGAAAAGTGAACGCGTTCCTAAAATTGCTCCTGATGTTTTGAGAAAAATGGCTAAAAGTTTCACT
 AGTGAAGATGATCTGGTGAACCTGCAGATTTTAAATCTGGAGCAAAAATTTGATTTAACTAATCCAAAC
 AGACAAAATTGCTTACCCAGTACATATTAATCTCGGCAAGTATGATCAGAACTACGACATCAGAGACCC
 CACAAGATTTATTAGGCAGCTTATTGTTCCGAACGAGAAGAGTGGAGCTCTAAGTAAATATGCCAAAAA
 ATCTTTCTAGCACAGAAGCCTGCACCACTGCTGGAGTCTCCCTTTAAGACAGGGATCATTTCCAGCTTG
 GCACCTTATCTCATACTCTCAACGTTAAAGCGTCCGGTACCTGGAATTAATCTAATTGGCCAGAGGTGGC
 GCCTGACCCATCGGTTCCGAATGTAGAAGTAATAGAGTCAGCAAAAGAGTGGACCCCACTTGGAAAAACA
 AAGAAAGAAAAACCTGAGAAGAAATTTTATTGAAATCTGAGGAGGAGGAGGAGGAAGAAGAGGAAGATG
 AAGAAGATGAGGAGGAGGATCCCTCTGATAGCAGCAGTACAGTGAAGTGGTCTGGAGTGGAGTGG
 AGACTCAGGCAGCAGCAGCGAGGACAGCAGCGAGGACTCTCCAGTGGACAAGACAGCGAGACCGGAAGC
 GAGGCAGAAGCAGAACCAGAGGGTGGCCAAGACGAACCTCAAAACCAAGAGGAAAAAGTGCCTCAGAAG
 ACAGGGAGAAGAAAAATGAAAAATCTCAGGCTCGGAGTGTCCAGTGGAGTCCAGTTCACAGAAGA
 AAGTTCTCAGAGTCAGAGTCAGGCTCTGACAGTGAAGCTGCACCCAGAAAAACAGCTAAGGCAAAAGAA
 AGAAAACCCAGCAAGAAAGACATCCTCCCTCCAAAGATGTTTTCTTCTCGATCTGGATGACTTTAAC
 CAGTATCCACCCAGTTGCCCTTCTACACCAGCCCTTCTCCAAGCTTGATAGTGTGATCTTGAAGTCT
 AAACCTGTCAACTTCTCATCCATCATCAACGTGACACCTGTCTTCGTGCCACAAAAACACATGAG
 CTGCTTACCCGATGCGTGGGAAAGGACTGGCTGCCCACTACTGCTTCCAAGACAGCCTTGATCTTCCG
 GTGACAAGATGGTCTCTGTACAGATAACCCTGACCAACTTCCGATGGGAAGATAGAGAACATCCACGT
 AGGCGGGAAGAAGCTTGCTGTGGGCGTGCAGATGCACGCTTCCATCCATAGAGTCTCTGGAGCCTGAG
 GGATCCGTTACTGTCTCGATGGGTATTGACTTCTGTGATTCTACACAGACGGCCAGTTTTTCAGCTGTGCA
 CCAAGGATGATTGCTTCAACGTCAACATCCAGCCACCTGTTGGGGAGCTGCTTTTACCTGTGGCCATGTC
 AGAGAAAGACTTTAAGAAGGAGCAAGGGATGCTCACTGGGATGAATGAGACGTCGGCAACGCTCATCGCC
 GCTCCGCAGAACTTACCCCTCCATGATCCTCCAGAAGTTGTAACGTCGCCAACCTCGGTGCAGTGC
 CTTCCAGCCAAGATAACATACACAGATATGAGAGATTAATAATTTCAAGTCTTCAAGAAAGGTTTGCAGC
 TAAAACGTGTCACAGTGGTCACTGATGCTAGTCACCGTGAACCTGAAGGAAGGTTCCACAGCCCACTT
 ATCATCAACACCGAGAAAAACCGTGATTGGCTCTGTGCTGCTGAGGGAGCTGAAGCCTGTCTGTCCAGG
 GGTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001107646
Insert Size: 2385 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:	<u>NM_001107646.1</u> , <u>NP_001101116.1</u>
RefSeq Size:	3712 bp
RefSeq ORF:	2385 bp
Locus ID:	309969
Cytogenetics:	2q12