

Product datasheet for **RN208287**

Ap4b1 (NM_001107709) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap4b1 (NM_001107709) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap4b1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208287 representing NM_001107709
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCATATCTTGGCTCTGAGGACGTGGTGAAGGAACTGAAGAAGGCTCTGTGTAACCCATATTCAGG
 CTGATAGGCTGCGCTACCGGAATGTCATCCAGCGAGTTATTAGGCACATGACTCAGGGCTTGGACATGTC
 TGATGTTTTTCATGAAAATGGTGAAGGCCAGCGCCACTGTAGATATCGTTCAGAAAAAGTTGGTTTATCTG
 TATATGGGCACATATGCACCTTTAAAACCTGATCTAGCGCTCTTGGCTATCAATACACTCTGCAAAGACT
 GCTCAGACCCCAACCAATGGTGCAGGACTGGCACTACGGAGCATGTGTAGCCTCAGGATGCCTGGTGT
 ACAGGAGTATATCCAGCAGCCTGTTGTCAATGGTCTGCGGGACAAAGCTTCATATGTCAGAAGAGTGGCC
 GTCCTTGGCTGTCCAAGATGCATAATCTTCATGGAGACTCTGAAGTAGATGGTGTCTAGTCAATGAGT
 TATACAGTCTTCTGCGTGACCAGGATCCAATTGTGGTTGTGAAGTGTCTGAGGTCTCTAGAGGAAATTTT
 AAAACAGGAAGGAGGTGTTGTCATTAATAAGCCCATTGCCACCATCTCTAAATAGAATGTCAAAGCTG
 GACCAGTGGGGCCAGGCTGAAGTACTGAACTTTCTGCTCCGCTACCAACCCCGCAGTGAGGAGGAACTGT
 TTGATATCCTCAATTTGTTGGACAGCTATCTCAAGAGCAGCAGCACTGGTGTGGTGTGAGGACCCAA
 ACTTTTTCTGATTTTGGCAAAAAGTTCACCCACGTACAACTGATGTGCTTGTACGAGTCAAGGGACCC
 TTGCTGGCTGCCTGTTCTTCAGAGAGCCGAGAGCTCTGCTTTGCTGCTCTCTGCCATGTCGCCCAGGTCT
 TGCATAGTTTGGCAGGTCACTTTAGCAGTCACTACAAAAGTTTTTTGCTTTACTCGGAGCCCACTA
 TATCAAGCTGCAGAAGGTGGAGGTGCTGTGCGAGCTGGTGAACGATGAGAAGCTGCAGCAGGTGCTTGAA
 GAGCTGCGAGGGTACTGCACTGATGTGTCTGCTGACTTTGCACAGGCTGCCATCTTTGCTATAGTAATA
 TTGCCAAGACTTACACAGACCAATGTGTGCAGATTCTAACAGAGTTGCTGGGACTTCGACAAGAACATAT
 CACTACAGTGGTGGTGCAGACTTTCCGAGACTTGTCTGTTATGCCCTCAGTGTACTGAAGCTGTGTGT
 CAGGCCCTGCCCGGCTGTGAGGAGAACATTCAAGACAGTGAAGGGAAACAGGCACTTATCTGGTTACTTG
 GGGTCCACGGGGAAAAATCCCCAATGCTCCTTATGTGTTGGAGGACTTTGTAGAAAAGTGTGAAGTCGGA
 GACTTTTCTGCTGTTAAGATGGAGCTGCTGACGGCTCTGATGCGCCTTTTCTCTCACGCCCTGCTGAG
 TGCCAGGACGTGCTGGGACGCTGTTGCTTTACTGCATAGAGGAAGAAAAGGATATGGCTGTACGAGACC
 GGGGTCTCTTCTATTATCGCCTCCTCTTGGTTGGCATTGATAAACTAAGCAGATCCTGTGTAGTCTTAA
 GTCTGACCCTTCTTGGACTTTTGGAGGATCAACCAGAACGACCAGTGAATAGCTGGGCTTCAGACTTC
 AATACGCTGGCGCCAGTGTATGGCAAAGCCCACTGGGCAACTATCTCTAAATGCCAGAAGATAGAGCCTC
 ATCGCCTTGAGCTTCCCAACAATGCATCCTTTGCCACATCAGGCACTTGATTGCTGAAGAGAACAAGA
 AGGAGCACAAGAACCTCCGGACTCTGGAGCTCTCGTGCTGGTTCCCAATCTCCAGCTTACCCTGAGTGT
 TTTGAGAAAACATGGCTTAGCCTCACAGTTTCTTACCATCAGGTGCTTCTTGGCAGGGAGAAGTCCAGC
 CCGACTCTACAAATGGCTCTAAAAGTAGTGAACATTAGACCATCGCAATGAGCAAGCCTGGGGCACA
 GCCCTGGAAAGCCTACCTCAGTGTCTGAGACGGTACTGGTGGTCTCTTCTTAAACGGAATTGCTGTTGAAG
 CCTGAGAACTCAGAAGTGCAATCTCTGTGAAGCAGAGTGAAGCCAGGACTGAAGCCCTGCGTGGTTTCG
 TCTCTGCTCTGAAACTGTGATTGGAACGGTTGGAGACATAAAATCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107709

Insert Size: 2220 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_001107709.1, NP_001101179.1</u>
RefSeq Size:	2921 bp
RefSeq ORF:	2220 bp
Locus ID:	310746
Cytogenetics:	2q34