

Product datasheet for **MC222362**

Ap5b1 (NM_001033448) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap5b1 (NM_001033448) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap5b1
Synonyms:	Gm962
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222362 representing NM_001033448
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCCCTAGGTCGAGAAGCCTGGGCCAGCGCTGGGGCTTCCGAGCCAGCCATCCGCCCTTC
 TGGCAGGTGCCGAAGGTGAGATTTGGGTCGCGACCTGTTGAGTGACCTAAGGAGTGAAAAGCTAAGCGA
 GCAGACCAAGGTTTCCTTACTGACACTGAGCTTGAGTACTCTGATAAACTTTGGCCTGATGCACCTGCC
 GCGGAGGCTGCTGCCACTTCCCTGTTGGACACGCTTGTCTCCTGCCACAAGACCTTCAGCTCTCCGGA
 GGCTCCTGTTGTTGGCAGCCACTACAGCCCTGGTGTGAGGAGATGCTCTCGGACCCACTTCGGGAGCTTC
 CTGCCGGCTTCTGCCCTTACTTCTGGCTTAGCTTCAGGCCGAGACTTGGGACGAAGCTTGAACCCCT
 TCAGAACAGCGCCATCTACAGGCCACAGCCTGTGAATGCCTTGGAGAACTTGAAGCCTGGGC
 TGCTGGCCGGCGCCCTGGGGATGCTGCGGAGCCTCCAGGGCAAACAGGTCCCATCCAGCCTGTCAGCCT
 GCTTCTGGCCCTTGTCTACACGACACCTTGGTGGTACAGTCCAGGTCTGGGGCTGGCCTGCAAGGCCTG
 CTGGTGGCTGAGGACTTCTCCACTGGGAGTTGTCCTGGGACTGGACCCTGGCTGAGGAATGGGATGCC
 ATCTTAAGCCCCAGGGGCCAGCTGGCCACAGCTGGGGAGGAGGAGCGTGGCTTCCGGTCTAGAGCC
 CAGCCCCGAGGACGCCGAGAGCTGAAGGCTGCCGTGGCCAGCTTCTGGACACTTCTATCTGCTCACT
 CCTGTGGCTCAGGCTCAACTTCTGTGGCTGTTGGGCTGGGCCCTCCGGGGTCTTCGGGGACAGCCACCAG
 TGCTTTTCAAGCCACAGCTGGTTCGGCTGCTGGGCACGGCACAGCTGACACTGTTACACTCAGTTCTGTC
 TCTGAAGCGGCCCTTGGCGAGGCCCTGTTCACTGCACAGGATGAAGCTCTGCTCCTCCGAGGCTCACC
 TTGGGAGCCCAGCACCCAGCTTTACCCTCGCCACACACCTCTTTTACCTGCATTGCATCTGAGCTTCC
 CCGAGAATTGCCCACTAGGTCCAGAGGGGGAAGAGGCTGCCCCGCTGCTGTTGGGGCCCCAGCTGCCC
 GGGCCTCATGCCAGTCTCCTTCATGACCAACGGTTCTCCTGGCCCGCTGCATTTGCTGTGCTGCTC
 TGTGCTGACGATGAGGAAGAGGAGAAAGACCAGACTCAGGGCCACAGTGGTTCCTACAGGAGGTGCTGG
 CTGGGCTACAGCAAAGGGCAGCCCTGGATGGTGGTCCCCGGGCCTTGGCCACTCTCTGTTTCCAAGCCTC
 ATACCTTGTACTAACTGCCTGACTAGACACTCCACAGTACAGACATTTTGTATCCGCGGACTGGCCAA
 CTGTACCAGCTCGCCCTCCCTGGCACCCCACTTTGTGGACCTTCTAGATCAGGTAAGCCCTGAGCTGA
 GAGAGCCCTCAGGGAGGTGCTGCTCAAGAGGCGGTGGCCAGGCCAGGGCAGAGCGAAGCCCTTGTG
 GCACCTGCAGATGCTGGCAAAGGTGGCAGAGGGGCCACTCAGAGTACCACACTCAGCTTCTACAGGCT
 GCAGCTGTGACTGCACCGACTGGGGCCTCCACCAGGCCCTACTGCGGGTGTGCCGTGCTGCTGCGGA
 CAGGGCGGGGAGATGGTCTGGCCAACTTGTGCAAGAACTGGCCAGACAGCTAGAGAATGCTGACGGACG
 GGACCATGCCCGACTATACTATGCTCCTTGTCCCATCTGTCAAGTTCGAAGTTGGGGATGGCGCTGGGC
 CCCTCACTGGCTGCACCTGCCTGCTGCTACTAATGGCGGAGAACCAGGGCTTCTCATCAGCACTGA
 TGGTGCAGGAGACCTCAGCCCCAATTCAGTTGAGTGTGGGGCCTCAGCAGGCCAAAGGCCCGCTCCCGGT
 GCTGTGCTGCAGGTGCAGGCACTGGATGCTCCCGTCTACTCGTGGAGCTGCGCTTCCGTGTGGAAGGA
 CAGCTCTATGAGCCGTTGGAGGCTGTCCACATACCCTGCTTGGTCCGGGACAACCTGCGCATCCTCTGT
 ACCTGCTTCTGCAGCCCCGATGCCAGCCCTGCCCGCTACACGTCCGGGCCCTTACAGCACATCCGC
 TGGCCTCAGTGCCATGCCCGCTGCCACCCCTGTCTGTGAACCTTGTGACCTTTTCTGCCTTTCCCC
 CGGCTCCCTAAGGGCTCTGAGTTGCGTTTCTTCGATGAGCTCTGGAACCTCTGCCTACCAAAGGGCGTAG
 AGAGCCGTGTGTTGTTCCACTTGGGCAGCAGGGCCTGGAGGCCTTGGTGTCCAGTACCTAGAGCCCTT
 TGTAGTGTGGCTCAGCCCCCTACCACCTACCTCATAGCCATCCGCTGCCTCCTGCCTCCATGCTGCTG
 CTGCGCCTGGAGAAAGCTCAGGTGGATGGTGTGCTGTAGCCCTAAGGACTGATGACTGGGCTGTGCTGC
 CCCTGGTAGGGGACTACCTCCGCGGCTTGCAGCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033448
Insert Size: 2631 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_001033448.2</u> , <u>NP_001028620.1</u>
RefSeq Size:	3092 bp
RefSeq ORF:	2631 bp
Locus ID:	381201
UniProt ID:	<u>Q3TAP4</u>
Cytogenetics:	19 A
Gene Summary:	As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport.[UniProtKB/Swiss-Prot Function]