

Product datasheet for **SC318302**

AP5B1 (NM_138368) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AP5B1 (NM_138368) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP5B1
Synonyms:	AP-5; PP1030
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_138368 edited
 ATGGAGTACCCTGCGCAGCTGTGGCCCGACGCCTCTGCGGCCGAAGTGGCCGCCACCTCC
 CTGTTGGACACCTTGGTCTCCTACCCCGCGGCCCTCAGCTCTCCGTCCGCCACTGCTG
 CTGGCGGCCACCACTGCCCTGGCGGGCGGGCGCGCTGGGCCACCTCGGGCGCTCC
 TGCCGGCTCCTGCCCCTACTGCTCGGCCTGGCCGCGGTAGCGATCTGGGGCGAGCTTT
 GTCCCCGCCTCGGAACAGCGCCCCTTGCAGGCCACGGCCTGCGAGTGCCTGCGAGAGTA
 GAGAGCTGCAAGCCCGGGCTGCTGGGGGGCTCCCTGGGGTTGCTGCGGGGGCTGCTGGGG
 CAGGAAGGCCCTGTCCAGCCACTCAGCCTGTTGCTGGCCCTCGCTTTGCGCAACACCTTG
 GTGCTCCAGTCCCGGGTTGGGGCTGGCCTGGGGGACTGCTCACGATAAGGTCTCCCA
 ACTGGGGGTGGTCCCTGGGATTGGACACTAGTGGAGGAGGGCGATGGACGCCTTACAGCC
 CAGGCACCCAGCTGGCCGCGAGCTGAGGAGGGAGAGGGGAGCGTAGCCTTACAGCACGA
 GAGCACAGCCCTGAGGAGGCGCGGAGCTGCGGGCTGCGGTGATCCAGCTTCTGGACACC
 TCCTATCTGCTACTCCTGTGGCCAGGCCAGCTCCTGTGGCTGCTGGGCTGGGCCCTG
 CGGGTCTGCAGGACAGCCACCGGCACCTTCAAGCCGAGCTGGTACGACTGCTAGGC
 ACAGCACAGCTGACACTGTTGCACGCCATGCTTGCCTCAAGGCGGCCTTTGGTGAAGCC
 TTGTTACAGCCAGGATGAAGCCTTGTGCTCCGCCGGCTCACCTTGGCTGCCACAGCAC
 CCTGCTCTGCCTCCGCCACCCATCTCTTTACCTGCACTGCGTCTGAGCTTCCCTGAG
 AACTGGCCGCTGGGCCCTGAAGGTGAGGAGGCTGCCCCACTGCTGCTAGGGCCCCAGCTA
 TGCCGTGGTCTCCTGCCAGTCTCCTGCATGACCCAATGGCCCTCCTGGCCCGCTGCAT
 TTAAGTGTGCTGCTGTGCGGAGGAGGAAGAAGAGGAGAAAGGCCAGCTTCAAGCCCA
 CGGCACTACCTGGAAGAGCTGCTGGCTGGCTTGCGGCAGCGGGCAGCCCTGGATGGGGC
 CCCCAGGCTTGGCCACTCTCTGCTTCCAGGCCTCGTATCTGGTGGCCTGCTGCCTGGCT
 GGCAACCTACGGTGTGACCCCTTGTATCCACGACTGGCCAGCTGTACCAAGCCCGG
 CCTATGCTGGCTCCCACTTTGTGGACCTTGGATCAGGTGGACTCTGAGCTGAGGGAG
 CCCTGAAGTGGTGTGCGGCAGGTGGTGGTGTCCAGGCCGGCAGGGATGAAGCTCTT
 TGCTGGCACCTGCAAATGCTGGCAAAGGTGGCAGATGGAGATGCCAGAGTGCTACCCTC
 AACTTTTACAGGCCGCGGCTGCCACTGCACGAACTGGGACCTACAGCAGGGCCTGCTG
 CGGGTCTGCCGGCGCTGCTGCGGGCAGGGGTGAGGGGCGGCCTGGTGCAGTTGCTGCAG
 GTGCTGGCCAGGCAGCTGGAGGACCTGATGGGCGTGACCACGCCCGCTCTACTACATC
 CTGCTGGCACACCTGGCAGCACCAAGTTGGGGTGGCCCTGGGCCCTCGCTTGCCGCA
 CCTGCACTGGCCTTCTACTGGTGGCCGAGAACCAGGGCTTTGTGGCAGCACTGATGGTG
 CAGGAGGCACCGCCCTGGTACGGCTGAGCCTGGGGTCCATCGGGTCAAGGGGCCACTC
 CAGTGTGAAGCTCCAGCCGGAGGCGCTGGAGCCCATCTACTCTTGGAGCTGCGCTTC
 CGTGTGGAAGGACAGCTGTATGCACCCCTGGAGGCTGTCCATGTGCCCTGCCTGTGTCCT
 GGCCGCCCTGCCCGCCCTGCTCCTGCCTCTGCAGCCCGATGCCCGGCCCGCCGACGG
 CTGGATGTCCATGCCCTTACACCACATCCACTGGTCTCACGTGCCATGCCCACTTGCCA
 CCCCTGTTGCGTGAACCTTGGCCACTCTTCTGCCTTTCCCGCAGCCTCCAGAGGGGGC
 GGGTGGGCTTCTTTGAGGAGCTCTGGGATTCTGCCTGCCAGAGGGTGTGAGAGTCGT
 GTGTGGTGTCCACTTGGGCCACAGGGCCTGGAGGGCTTGGTGTCCCGCCACTGGAGCCT
 TTTGTGGTGGTGGCCAGCCTCCTACCAGCTACTGTGTAGCAATCCACCTGCCCGCGAC
 TCAAAGCTGCTGCTGCGGCTGGAGGCGCCCTGGCAGATGGAGTGCCTGTGGCCCTGCGG
 ACCGATGACTGGCCGTGCTGCCCTGGCGGGGACTACCTCCGTGGGCTGGCGGCTGCT
 GTCTGA

Restriction Sites: Please inquire
ACCN: NM_138368
Insert Size: 6595 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_138368.3</u> , <u>NP_612377.3</u>
RefSeq Size:	6595 bp
RefSeq ORF:	2466 bp
Locus ID:	91056
UniProt ID:	<u>Q2VPB7</u>
Cytogenetics:	11q13.1
Gene Summary:	As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport.[UniProtKB/Swiss-Prot Function]