

Product datasheet for **SC111175**

AP3M2 (NM_006803) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AP3M2 (NM_006803) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP3M2
Synonyms:	AP47B; CLA20; P47B
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006803, the custom clone sequence may differ by one or more nucleotides

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ATGATCCATAGTCTTTTCTTGATCAACTCCTCTGGAGACATTTTCCTGGAGAAACATTGGAAAAGTGTGG
TCAGCCGTTCTGTTTGTGATTACTTTTTGAGGCGCAAGAGAGAGCTACTGAGGCAGAAAATGTGCCTCC
GGTTATCCCTACCCCTCACCCTATCTCTTAAGTGTTCACGCCACAAGATCTTTTTGTGGCCGTGATC
CAGACGGAGTCCCCCTCTGTTTGTCTTGTGATTTCTCACCGAGTGGTGGACACATTCAGGATTATT
TTGGAGTCTGTTTCAAGCCAGTGTCAAAGACAATGTAGTTGTGGTTTATGAGGTATTGGAAGAGATGCT
TGACAATGGTTTTCCATTGGCTACCGAGTGAACATTCTTAAAGAACTCATAAAGCCTCCTACCATCCTT
CGAACGGTTGTCAACACCATCACAGGAAGCACGAATGTGGGTGACCAGCTTCCCCTGGGAGCTGTCAG
TGGTGCCTTGGCGACGGACTGGGGTGAATATACCAACAATGAGGCCTATTTTGATGTGATTGAAGAGAT
TGATGCAATTATTGATAAATCAGGCTCCACAATTACTGCTGAGATCCAGGGGGTATTGATGCCTGTGTC
AAGCTGACTGGCATGCCAGACCTTACACTTTCCTTCATGAACCCTAGGTTGTTGGATGATGTCAGCTTCC
ATCCTTGTGTTTCGTTTCAAACGCTGGGAATCTGAGCGCATCCTCCTTCATCCCTCCTGATGGAACTT
CCGCCTGCTGTCTTACCATGTCAGTGCACAGAATCTGGTTGCAATCCCAGTGTATGTCAAACAACATC
AGTTTCCGGGACAGTAGTCCCTTGGACGCTTTGAAATAACGGTGGGACCAAGCAGACGATGGGGAAGA
CCATTGAGGGAGTGACTGTCACCAGCCAGATGCCAAGGGGTCTGAACATGAGCCTTACTCCATCACA
GGGACACACACATTTCGACCCAGTCACAAAGATGCTGTCTTGGGATGTAGGAAAAATAAATCCACAAAAG
CTACCAAGTTTGAAGGGGACCATGAGTCTTTCAGGCTGGAGCTTCAAACCCAGATGAAAACCCACAAATTA
ACCTGCAGTTTAAAGATCCAGCAGCTGGCCATTTCTGGACTCAAGGTGAATCGTCTGGATATGTATGGAGA
AAAGTACAAACCCTTTAAGGGCATAAAATACATGACCAAAGCTGGGAAGTTCCAAGTTCGAACCTGA
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Restriction Sites:	NotI-NotI
ACCN:	NM_006803
Insert Size:	3500 bp



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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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_006803.2 , NP_006794.1
RefSeq Size:	3624 bp
RefSeq ORF:	3624 bp
Locus ID:	10947
UniProt ID:	P53677
Cytogenetics:	8p11.21
Domains:	Adap_comp_sub
Protein Pathways:	Lysosome
Gene Summary:	<p>This gene encodes a subunit of the heterotetrameric adaptor-related protein complex 3 (AP-3), which belongs to the adaptor complexes medium subunits family. The AP-3 complex plays a role in protein trafficking to lysosomes and specialized organelles. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Aug 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>