

Product datasheet for **SC325070**

AP3M2 (NM_001134296) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AP3M2 (NM_001134296) Human Untagged Clone
Tag: Tag Free
Symbol: AP3M2
Synonyms: AP47B; CLA20; P47B
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001134296, the custom clone sequence may differ by one or more nucleotides

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ATGATCCATAGTCTTTTCTTGATCAACTCCTCTGGAGACATTTTCTGGAGAAACATTGG
AAAAGTGTGGTCAGCCGTTCTGTTTGTGATTACTTTTTGAGGCGCAAGAGAGAGCTACT
GAGGCAGAAAAATGTCCTCCGGTATCCCTACCCCTCACCCTATCTCTAAGTGTTTAC
CGCCACAAGATCTTTTTGTGGCCGTGATCCAGACGGAGGTCCCCCTCTGTTTGCATT
GAGTTTCTTCCAGAGTGGTGGACACATTTCCAGGATTATTTGGAGTCTGTTCCAGAGCCA
GTGATCAAAGACAATGTAGTTGTGGTTTATGAGGTATTGGAAGAGATGCTTGACAATGGT
TTTCCATTGGCTACCGAGTCGAACATTCTTAAAGAACTCATAAAGCCTCCTACCATCCTT
CGAACGGTTGTCAACACCATCACAGGAAGCACGAATGTGGGTGACCAGCTTCCCCTGGG
CAGCTGTCAAGTGGTGCCTTGGCGACGGACTGGGGTGAATATACCAACAATGAGGCCTAT
TTTGATGTGATTGAAGAGATTGATGCAATTATTGATAAATCAGGCTCCACAATTACTGCT
GAGATCCAGGGGGTGATTGATGCCTGTGTCAAGCTGACTGGCATGCCAGACCTTACACTT
TCCTTCATGAACCCTAGGTTGTTGGATGATGTCAGCTTCCATCCTTGTGTTTCGTTTCAA
CGCTGGGAATCTGAGCGCATCCTCTCCTCATCCCTCCTGATGGAACCTCCGCCTGCTG
TCTTACCATGTCAGTGCACAGAATCTGGTTGCAATCCCAGTGTATGTCAAACATAACATC
AGTTTCCGGGACAGTAGTCCCTTGGACGCTTTGAAATAACGGTGGGACCCAAGCAGACG
ATGGGGAAGACCAATTGAGGGAGTGACTGTACCAGCCAGATGCCAAGGGGGTCCCTGAAC
ATGAGCCTTACTCCATCACAGGGGACACACATTGACCCAGTCACAAAGATGCTGTCT
TGGGATGTAGGAAAAATAATCCACAAAAGCTACCAAGTTTGAAGGGGACCATGAGTCTT
CAGGCTGGAGCTTCCAAACCAGATGAAAACCCACAATTAACCTGCAGTTAAGATCCAG
CAGCTGGCCATTTCTGGACTCAAGGTGAATCGTCTGGATATGTATGGAGAAAAGTACAAA
CCCTTAAAGGCATAAAAATACATGACCAAAGCTGGGAAGTTCCAAGTTCCAAGC
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Restriction Sites: Please inquire

ACCN: NM_001134296

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).



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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:	NM_001134296.1 , NP_001127768.1
RefSeq Size:	3683 bp
RefSeq ORF:	1257 bp
Locus ID:	10947
UniProt ID:	P53677
Cytogenetics:	8p11.21
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 (1) represents the longest transcript. Variants 1 and 2 encode the same protein.</p>