

Product datasheet for **SC325919**

AP1M1 (NM_001130524) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AP1M1 (NM_001130524) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP1M1
Synonyms:	AP47; CLAPM2; CLTNM; MU-1A; mu1A
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001130524, the custom clone sequence may differ by one or more nucleotides ATGTCCGCCAGCGCCGTCTACGTGCTGGACCTGAAGGGCAAGGTGCTCATCTGCCGGAAC TACCGTGGCGACGTGGACATGTGACAGGTGGAGCACTTCATGCCCATCCTGATGGAGAAG GAGGAGGAGGGGATGCTGTCGCCATCCTGGCCACGGGGGGTCCGTTTCATGTGGATC AAACACAACAACCTGTATCTGGTTGCCACATCCAAGAAGAACGCGTGCCTGTCGTTGGTC TTTTCTTCTCTATAAGGTGGTGCAGGTGTTTTCCGAGTACTTCAAGGAGCTGGAGGAG GAGAGCATCCGGGACAACCTTGTATCATCTACGAGCTGCTGGACGAGCTCATGGACTTC GGTACCCCGAGACCACCGACAGCAAGATCCTGCAGGAGTACATCACTCAGGAAGGCCAC AAGCTGGAACAGGGGCCCGCGCCACAGCCACCGTCACCAACGCGGTGTCCTGGCGG TCCGAAGGCATCAAGTATCGGAAGAATGAGGTGTTCTTGGACGTCATCGAGTCTGTCAAC CTCTTGGGTAATACCCAGGAGTGGGATGGCTGGGTACACGGTCAGCGCCAACGGCAAT GTCCTGCGCAGCGAGATCGTGGGCTCCATCAAGATGCGAGTCTTCTCTCGGGCATGCC GAGCTGCGCCTGGGCCTCAACGACAAGTCTCTTTGACAACACGGGCCGCGGCAAAAGC AAATCCGTGGAGCTGGAGGATGTGAAGTCCACCAGTGTGTGCGGCTATCAGCTTCGAG AATGACCGCACCATCTCCTTCATCCACCCGACGGCGAGTTCGAGCTCATGTCTACCGT CTCAACACCCACGTCAAGCCTTTGATATGGATCGAGTCGGTGATCGAGAAGCACTCCAC AGCCGCATCGAGTACATGATCAAGGCCAAAAGCCAGTTCAGCGCGGTCAACAGCCAAC AACGTGGAGATCCACATTCCTGTCCTCAATGATGCCGACTCACCAAGTTCAGAGCAGCG GTGGGGAGCGTTAAGTGGGTCCCGGAGAACAGCGAGATCGTGTGGTCCATCAAGTCTTC CCGGGCGCAAGGAGTACCTGATGCGGGCCACTTCGGCTGCCTAGTGTGGAGGCCGAA GACAAGGAGGGCAAGCCCCGATCAGTGTCAAGTTCGAGATCCCTTACTTCACTACCTCC GGCATCCAGGTGCGCTACCTGAAGATCATTGAGAAGAGTGGGTACCAGGCCCTGCCCTGG GTGCGTTATATCACGCAGAATGGAGATTACCAGCTCCGGACCCAG
Restriction Sites:	Please inquire
ACCN:	NM_001130524



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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:	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_001130524.1</u> , <u>NP_001123996.1</u>
RefSeq Size:	2409 bp
RefSeq ORF:	1308 bp
Locus ID:	8907
UniProt ID:	<u>Q9BXS5</u>
Cytogenetics:	19p13.11
Protein Pathways:	Lysosome
Gene Summary:	<p>The protein encoded by this gene is the medium chain of the trans-Golgi network clathrin-associated protein complex AP-1. The other components of this complex are beta-prime-adaptin, gamma-adaptin, and the small chain AP1S1. This complex is located at the Golgi vesicle and links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. Alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>