

Product datasheet for **MC204001**

Ap5m1 (NM_144535) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap5m1 (NM_144535) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap5m1
Synonyms:	4932432K03Rik; Mu5; Mudeng
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023094
 GGTGACCGCTCTTGAGCCTCGCGGGCCGCCGTCCCAGGAGTGGGCGAGAAGAGTATTCCAGTCCCTTGAG
 ATTAGGGGTGTAGGTTCTTAAGACCTTCTGAGGAGTGTTTAATCTCTTGAAGGGACCGGGAGACTTGAG
 TCACCTCACCCGGAAGAGCGAGCATCTCCAGTGAAGTCTTGCAGGCTCAGGGAGAACCAGGACGTTGCCTG
 GTACAGCCCATCTAGAAGCGGGGTCTACTTTGGCTGGATGGCGACCTTGTCTTACATCGCTCTGATA
 CTTGGGAGGCTTAACCATGGCCCTGCGGGCAGTGTGGCTCATACGTCACGAACCAGGAACCTCCACTTGA
 GGCACCGTCAGATTCTCCAGACGATACCCAACTGTTGAAAAGCGAGCCAAAGCCTCAATGGAATGACTT
 ATGTTCCCTGTACCTGAAGATGGCCCTTTCTTAGAGCAGTGTCTTTCAACTTAGACTATTGGATGATGA
 TAAGGACTTCATGGAGAGACGTGATGGCTGCTCACGCATCAATAAAACATCCATCTATGGCTTTAGTA
 GGAGGTGAAGAGCTCTGGCCAGTCATTGCCTTCTGAGGGATAGCATGATATATGCAAGTGTTCATTAG
 TTGAACAAGCTCTGTCCCTCGCCACCTTTAATTAGCATTAGTGGGTCTCACAAGGCTTGAAGTGTCT
 GTTGGGATACAGGATTTCTTTACTCGAGTCAGAAAAATGACTGACCTACACACAAAACCTGAAGCAG
 TTGCTGACTTGTCTACAGGCTTGCCTTTGGGTACTTTATTGGATGCTAACTGCAGAACTCACTGA
 ATAGCATTAAATCCGTATCTGTGACTCAGCCGCAAAAACAGCCAGCCTGGAAGTGGAGCATACAAGG
 AAAAGCACAGATTTCTATTTCTATCACCAGAAACGGTAAAATGCATGCAATATGGTAAGCAGGATATAGCA
 GACACATGGCAAGTTGCCGGAACAGTCCGTTGCAAGTGTGACTTGAAGGGGTATGCCAGCTGTTACCA
 TCAGCTTGAGTCTCCCCACCAACGGGTCTCCACTTCAGGATATTATTGTTTCATCCCTGTGTGACTTCTCT
 GGATTCTGCCATTCTGACTTCTAGTAGCATTGACACAATGGACGATTCTGCATTTAGTGGCCGTATAAA
 TTTCCATTCACTCCGCTTTAGAGTCTTCAACTTATGCCACTACACTTCTCAGGTTCTGTCCCACCAA
 TACTGGGTTCTTACCACATGAAAGAAGAAGGAGTACAGCTAAAAGTAACAGTTAACTTCAAACCTCCATGA
 AAGTGTGAGAAATAATTTGAAGTCTGTGAAGCTCACATACCTTTTTACAACAGAGGTCCAATTACCCAT
 TTGGAATACAAAGCTAGTTTTGGTCAACTTGAGGTATTTGAGAAAAAAGCTTACTGGTCTGGATTATCG
 GCCAGAGTTCCCAAATCAATGAAATTAGTCTTTCTGGAACCTAACTTTTGGAGTTAAGGGCCATAA
 CAAGCAGCCATTTGATCACATTTGTATTGGAAATACAGCGTATATAAAGCTTAACTTTAGGATTGCAGAT
 TATACACTCACTGGATGTTATGACAGACCAGCATTAGTTCAGTTCAGTTTTTGCATCAGGAAAGCCAAAAATAA
 GTGCATATCGGAAACTAATTTCTTCTGATTATTACATCTGGAATTCTAAAGCACCTGCTCCAGTAACATA
 CGCATCATTGTTACCATGATGTTTTTCATATTCAAAGGATTTATATGATGGTAACATTCTATCATAGAA
 TCATAGTATTTATTTTTTACATGTCTTCCATAGCCATGACTGAAAAATTAAGTGGTCTTTAT
 GAAAACATTCATATCTTACATTTATAGTCTGATTAGTGTAAAAGAATATTTTCAAGGCTAATGTCCCTT
 TTTGTCATTGTTACGATGCTCTGATTTTCATGCCAGTATGACTCAGGATATATAAAGCTGTGAGTGGCTT
 CGCTTTAGACTAGTCTTTAGTCTCTGTACCACAGTCCCTTCCTGTCCCATGGAAAGAGAACAGTGTCTG
 CAATCAGAGTCCCTTCTTGGAGTAAGAGCTCAGCCTTCTCCTAGTGCAGGTTCACTCAGCCATCCTATGG
 GCTGTAATTGATTACAAGGAACTGTGTGCTTATCCAAGCCTCAGTACAAAAGGCGTGCTTGCAGAA
 TACCCATGGTCTGGTTAAAGTAATCACAAATGTTTTCTTTCAAAGAGCCAGTGGGAAATAATGGGATAA
 TGTTCAAATAGTAGCCTGGTTTTATCATATCTCTCCTGTAGCCAAATAACCTCCATATTCCTATTTGA
 TGTTCTAGAACTCCTGTCTTTCTGAGACAGGCTCTATAAAGCCAGGCTGGCCTGGGTCTCACTGTGTA
 GCTAAGGATGATCCCTCTAAGTGTGGGATTACAGTGGTATACCACCATGTCCAGTACCCTTCTAGGAC
 TCGAACTCAGGGTTTCATGCCTGCCAGACAAGCACCCCTCCAGCTGAGCTGAGACCCTAACCCATCAAAG
 GCTGCTGAACAAATTCAGTTATATGCCAGAACAACCTGTGTTTAGGATGCCAGTAGACTTAAGACTGTAG
 TAACTTCAGAAGATGAGCATAATGATCTATGATTCTTTAGTGTCTTAGACAAGGCTTTAAATAATTGT
 AGGTATTATAGTGTGTTAGTTTTTAAAAATAAAATAAACTCTGTTAATGAATGAACTCAGGTAACA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_144535
Insert Size: 1473 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>BC023094</u> , <u>AAH23094</u>
RefSeq Size:	2814 bp
RefSeq ORF:	1473 bp
Locus ID:	74385
UniProt ID:	<u>Q8BJ63</u>
Cytogenetics:	14 C1
Gene Summary:	As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport.[UniProtKB/Swiss-Prot Function]