

Product datasheet for **RN208569**

Ap5m1 (NM_001030036) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap5m1 (NM_001030036) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap5m1
Synonyms:	Mu5; Mudeng; RGD1308087
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208569 representing NM_001030036
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGCGGGCAGTGTGGCTCATACGTCACGAACCAGGAACCTCACTTGGTGGCACCCTCAAATTCT
 CCAGACGCTATCCTACTGTTGAAAAGCGAGCGAAGGTCTTCAATGGAATGAATTATGTTCCGTGACCTGA
 AGACGGTCCCTTTCTAAAGCATTGCTCTTTCACTTAGATTATTGGATGATGATAAGGACTTCGTGGAA
 AGCCGTGATAGCTGTTCAAACATCAATAAAACATCCATCTATGGGCTCTCAGTAGGAGGTGAAGATCTCT
 GGCCAGTCATTGCTTTCTGAGGAATGACATGATCTATGCAAGTGTCCATTAGTTGAACAAGCTCTGTC
 CCCTCGCCACCTTTAATTAGTATTAGTGGGTGTCAAGGCTTGGAACTGCTTTGGGAGTACATGAT
 TTTCTTACTCCAGTCAGAAAAACGACTGACCTCCACAGCAGACTGAGTCAGTTGCCTGACTTGCTTC
 TGCAGGCTTGCCTTTGGGGACTCTATTGGACGCTAACTGCAGAACTCACTGAATAGCCTTAACTTCGT
 ATCTGTGACTCAGCCACAAAAACAGCCAGCCTGGAAAGTTGGAACATACAAAGGAAAAGCACAGATTCT
 ATTTCTATCACTGAGAAGTAAAATCCATGCAATATGGTAAACAGGATATAGCAGACACATGGCAGGTCCG
 TTGGGACAGTCGCTTGAAGTGTGATTTGGAGGGAGTCATGCCAAATGTCACCATCAGCTTGAATCTGCC
 CACCAATGGGTCTCCACTTCAAGACATTATTGTTTCATCCTTGTGTGACTTCTCTGGATTCTGCCATCCTG
 ACCTCCAGTAGCATTGACACAGTAGACTCTGCTTTCAGTGGGCCATATAAATTTCCATTCACTCCAC
 CCTTAGAGTCCTCAACTTATGCCACTACACTTCTCAGTTCTCTGCCACCAATACTGGGTTCTTACCA
 CATGAAAGAAGATGGAGCACAACGAAAATAACAGTTAATTTAAACTACACGAAAGTGTGCGGAATAAT
 TTTGAAATCTGTGAAGCTCACATACCTTTTACAACAGAGGTCCAATTACCCATTTGGAATACAAAGTTA
 GTTTTGGTCAACTTGAGGTGTTTCGAGAAAAAGCTTATTGGTCTGGATTATTGGCCAGAAGTTCCCAA
 ATCAATGGAGATTAGCCTTTCAGGAACTCTAACTTTCAGAGTTCAGGGCCATAACAGGCAGCCGTTTGAC
 CACATTTGTATTGGAAGCACAGCATATGTAAGCTTAATTTTAGGATTGCAGATTATACACTCACCGGAT
 GTTACGCAGATCAGCATTGCGTTCAAGTGTGTTGCTTACAGGAAAACAAAAATAAGTGCATATCGGAACT
 AATTTCTCTGATTATTACATCTGGAATTCTAAAGCATCTGCTCCAGTAACATATGCATCATTGTTACCA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001030036

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:

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_001030036.1](#), [NP_001025207.1](#)

RefSeq Size: 3070 bp

RefSeq ORF: 1473 bp

Locus ID: 305861

UniProt ID: [Q499N2](#)

Cytogenetics: 15p14

Gene Summary: As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport.[UniProtKB/Swiss-Prot Function]