

Product datasheet for **MC221778**

Ap5z1 (NM_172725) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap5z1 (NM_172725) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap5z1
Synonyms:	C330006K01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221778 representing NM_172725
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTCGGCGGGCGGAAAGTCTGCTGCACCAGGCCAGGAAATCCAGGATGAGGAGCTACGGCGTT
 TCTGCTCCCGGGTCACTAAGCTGCTGCAGGAAGCCCCAGGACCAGCCACCGTGGATGCCCTGCAGAGACT
 TTCTCTCATCGTCTCAGCCACCAAGTACCCCCGTAGGCTGGAGAAGATGTGTGTGGACCTGTTACAGACC
 ACTCTCTGCTTGCCCTGCCAGCCCTGAGCAGCTCCAGGTCCTCTGTGCTGTATCTTGAGAGAGATGTCAC
 CTTTTAACGACCTGGCCCTGTCTGTGATCACACCCCAAACCCGGCAGCTTAGCCTTGTGGCCTCTGT
 GCTCTTGGCCCAGGGAGACAGAAAAGGAGAGATCAGATGTGTGAGCCAGCGCATCTTCAAGATCCTCGAG
 AACCGGCAGCCTGAGGGGCCAGTGTCCGGCCCTCCTCCCATCCTGTCCAAGGTCATTGGCCTTGCCC
 CGGGCATCCTCATGGAAGACCAGACCACTGCTCAGCAAAGGCTGGTGGACTGGCTTCGCTACGCCAG
 CATCCAGCAGGGGCTTCGTACTCAGGGGGCTTCTTCCACACCCAGGACCCGGCAGCCCGGTCCCATC
 ACTGAGGTGGATGGAGCAGTAGCTTCTGACTTCTTACGGTACTCTCCACGGGCCAGCACTTACAGAGG
 ACCAGTGGGTGAACATGCAGGCCTTCTCCATGCTGAGGAAATGGCTGCTGCACAGTGGTCCCAGGACCC
 CTGCAGTCCTGATGCAGATGACAAGTGCAGAGCTCGAGGGCTCCACCCTGTCTGTGCTGTCTGCGGCCCTC
 ACTGCCAGCCGACTGCTGCCCTCCTGGGAGCGGCTGAGGGAGGTGGCCTTTGAGTACTGCCAGCGCCTGT
 TGGAGCAGAGTAACCGGAGAGCGCTGAGGAAGGGGACTCGGACCTACAGAAAGCTTGCCTGGTGGAAAGC
 TGTGTCCGTGTTGGATGTGCTGTGCCGGCAGGACCCCTCCTTCTATCGCACCCCTCCTGCCTGAAG
 GCCCTGCACAGGAGGCTGGGCGAGGACCTGGCAGCGAGCGGGCACTGGTGCCTTTGCCAGTTCTCC
 TGAACCATGGGGAAGCGGCCCATGGACGCAGAAGCGTCTACGGGCAGCTGCTCCGAGGTCTCCCTTC
 TGAACGTTCCACAGCCCGACCCTGGCCTTTGAGGTCATACACTTCTGCACACACAACCTGGCTCTCTTC
 GACTCCCCTTTCTCAGCCTTCTCAGGCTGAGCTTCCCAAGTCTGTTCAAGTTCCTGGCTTGAACAGCC
 CTCCTCTCACAGCGGAGTTTGTGGTCTCCTCCCAGCTCTCGTGGATGCTGGCACCGCCGTGGAGATGCT
 GCATGCGTGCTTACCTGCCCTGTCTGACTGCCGCCCTGGACCTTACGCTCAGGTCCACACAGACTCCG
 TCGGAAAGGCTGCTTGGGATATCTCCCTCAGGGTCCCCAGCTGCCTGGAGGCCTTCCAGGACCCACAGT
 TCCAAGGACTCTCCGGCACCTGCTCCGTACCAAGGCCAGCGGTTCCACAGAGAGGCTGACGCCACTTCA
 CCAGGTGCTGAAGCCCATGGCCAGCTGTGCCGGGTAACCCAGTGTGCGGAGGCGGTGCCGTCTGCTT
 CAGGCCCTTCTTCTCAGCTGTGACCCAGACTGCCGATGGGGCCCTAATCAACCAGTGGCACTGCTGCTCC
 TGGAGAGAAGTACTCCCTTACCCGGTCCCTCAGTATGAGGCCCGTGTGCACGGGGTGTGAGCTCCCA
 GCTCCTGGTGTGTGAAGCTGAAGCCATCGTGGTGGTGGAGCTTTCACGAGAGCTCCTGGAGTTCGTG
 GGGAGCGTGAGCAGCATCCACAGCCGAGCCAGCGTGTCACTTGTGTGGTGTGGGCCATTGGTGAGTACC
 TGTCCGGTACTTGGGACAAGAGGTGCACAGCGGAACAGATCAACAAGTCTTTGAAGCCCTGGAAGCCCT
 GCTGTTTGAAGTACCCAGTCCCCTTAGCCGACTTGCCTGCTGTCTCCAGAGGTGGTCACTGCA
 CTCATGACCACACTGACCAAAGTCCCGGAGCCAAGACCTGATCCCAAGGGTGTCACTGTTCTCTGT
 CAAAAATGCGAACCTGGCCAGAACCCAGCCACCAGCTCTGTGCACAGTGAAGAGGGTGCAGGAAATCCAT
 CCGGACCCGGCCCTCAGAGCTGCTAACCTTACTAAAGATGCCAGTGTGGCCAGTTTGTGTTACACCT
 CCTGCAGCGTGTGCCAGCCCGCTACCACCGGACACCAACGTGGCCCTGCCTCTGGCTCTGCGCACGG
 TCAGCCGGCTGGTGGAGAAGGAGGCTGGCCTCCTGCCAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_172725
 Insert Size: 2424 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:	NM_172725.2 , NP_766313.2
RefSeq Size:	3817 bp
RefSeq ORF:	2424 bp
Locus ID:	231855
UniProt ID:	Q3U829
Cytogenetics:	5 G2
Gene Summary:	As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport.[UniProtKB/Swiss-Prot Function]