

Product datasheet for **MR206743**

Ap1m2 (NM_009678) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap1m2 (NM_009678) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ap1m2
Synonyms:	D9Erttd818e; mu1B; [m]1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206743 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGCCTCGGCAGTCTTCATTCTGGACGTCAAGGGCAAGCCTCTGATTAGCCGAAACTACAAGGTG
 ATGTGCCCATGACAGAGATTGACCACTTATGCCGCTGCTTATGCAGCGTGAGGAGGAGGGCGTGCCTGGC
 CCCGCTGCTGAGCCACGGCCGAGTGCACCTTCTGTGGATCAAACACAGCAACCTCTACTTGGTGGCCACC
 ACGCTGAAGAACGCTAATGCCTCTCTGGTGTACTCCTTTCTGTACAAGACTGTGGAGGTCTTCTGCGAGT
 ACTTTAAGGAGCTGGAGGAGGAGAGCATCCGGGACAACCTCGTCATCGTGTACGAGCTGTGGATGAGCT
 CATGGACTTCGGCTTCCGCAGACCACAGACAGCAAGATCCTGCAGGAGTACATCACACAACAGGGCAAC
 AAGCTGGAGACTGGCAAATCTCGTGTACCACCTACAGTACCAATGCGGTGTCGTGGCGCTCTGAGGGCA
 TTAAGTACAAAAGAATGAGGTCTTCATTGATGTCATTGAGTCTGTCAACCTTCTGGTCAATGCTAATGG
 GAGTGTCTTGCTCAGCGAGATTGTGGGCACCATCAAGCTGAAGGTGTTTCTGTCTGGGATGCCAGAGCTG
 CGGCTGGGCCCTCAATGACCGAGTCTCTTTGAGCTTACTGGCCGAGCAAGAACAAGTCTGTGGAACCTGG
 AAGATGTGAAATTCACCAATGTGTGAGGCTTTCACGCTTTCACAAACGACCGAACCATCTCCTTCATACC
 CCCAGATGGGGACTTTGAACTCATGTCTACCGGCTTAGCACCCAGGTCAAACCCCTGATCTGGATCGAG
 TCAGTCATTGAGAAATCTCGCACAGCCGAGTGGAGATCATGGTGAAGGCCAAGGGTCAGTTAAGAAGC
 AGTCGGTGGCCAAATGGCGTGGAAATCTCTGTGCCCGTTCTAGTGTGACAGACTCCTCCGCGCTTCAAGAC
 CAGTGTGGGCAGTGCCAAGTATGTGCCTGAGAAGAATGTTGTCTGAGCATCAAGTCATTCCCTGGG
 GAAAGGAGTACTTGATGCGTGCCCACTTTGGCCTCCCCAGCGTGGAAACTGAGGAGGTAGAGGGCCGAC
 CACCCATCGGGGTCAAGTTTGAGATTCCATACTTACCCTTCTGGCATCCAGGTCCGTTACATGAAGAT
 CATCGAGAAAAGTGGGTACCAGGCCCTGCCCTGGTCCGTTACATCACGCAGAGTGGTGATTATCAACT
 CGTACCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206743 protein sequence
 Red=Cloning site Green=Tags(s)

MSASAVFILDVKGKPLISRNYKGDVPMTEIDHFMPLLMQREEEGVLAPLLSHGRVHFLWIKHSNLYLVAT
 TLKNANASLVYSFLYKTVEVFCEYFKELEESIRDNFVIYVELLDELMDFGFPQTDSKILQEYITQQGN
 KLETGKSRVPPTVTNAVSWRSEGIKYKNEVFIDVIESVNLVNANGSVLLSEIVGTIKLVFLSGMPEL
 RLGLNDRVLFELTGRSKNKSVELEDVKFHQCVRLSRFDNDRTISFIPDGDFFELMSYRLSTQVKPLIWE
 SVIEKFSRVEIMVKAKGQFKKQSVANGVEISVPVPSDADSPRFKTSVGS AKYVPEKNVVIWSIKSFPG
 GKEYLMRAHFGLPSVETEVEGRPPIGVKFEIPYFTVSGIQVRYMKIEKSGYQALPWVRYITQSGDYQL
 RTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

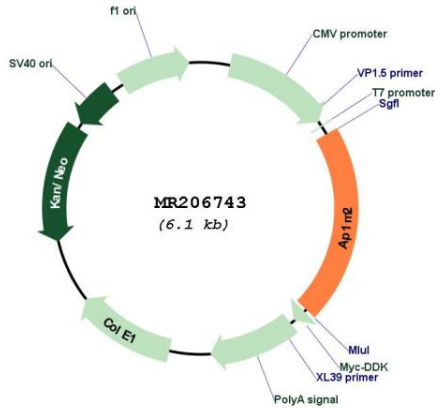
Restriction Sites:

SgfI-MluI

MW: 48.2 kDa

Gene Summary: Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206743