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Product datasheet for MC223986

Atp13a5 (NM_175650) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp13a5 (NM_175650) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp13a5
Synonyms:	C630015F21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223986 representing NM_175650 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGAAGAGCAAGAAGGATGGCCACCAGGCTGTGCTCAATGAAGGGGAGGAGAATGAGCTGGAGGTGT TTGGCTACCATACCCAGAATTTACGGAGAGCACTGTGCCTTGTCACAGCCATCCTGACTCTTGGGGCAGT TCAGCTGATGTTCTACTGGAGGCCTGAGTGGTGGGTGTGGACCAGTTGCATCCCATGCCCCTTGCAAGAA GCAGACACAATTTTGCTGAGGACAACCGATGAATTTCGAAGATATATGAGGAAAAAGGTCTTCTGCCTCC ACTTATCCACACTGAAGTTTCCTATAAGCAAGAACCCAGAGGAACCTCTGGTAGCTGACCACCACTCAGT CATAAACCAAGCTGTGATGAAGCCAGAACTAAAACTACGATGCATCCAAGTGCAGAAAATAAGGTACGTG TGGGATTTCTTGAAGAAGCGATTTCAGAAAGTTGGGTTGCTGGAAGACAGTAACTCCTGCTTTGACATCC ACCATACGTTTGGATTGGGTCTGACCAATGAAGAGCAAGAGGTCAGAAGGTTAGTGTGTGGGCCCAACTC GATCGAGGTGGAGATCCAACCCATATGGAAGCTGCTTGTTAAACAGGTTTTAAATCCATTCTATGTGTTC CAAGCCTTTACACTCACTCTGTGGCTGTCTCAGGGTTACATAGAATACTCTGTGGCTATCATCATCTTGA CTGTTATCTCCATTGTTTTGAGTGTGTATGATTTGAGACAGCAATCAGTTAAGCTACACAAGCTTGTGGA GGAGCACAACAAAGTCCAGGTCACGATCACAGTAAGAGACAAAGGTCTACAGGAGCTGGAGTCCCGTCTC CTGGTTCCAGGAGATATTCTCATTCTTCCAGGGAAAATTTCACTGCCCTGTGATGCTATCTTGATCGATG GGAGTTGTGTGGTGAATGAAGGAATGCTCACAGGAGAAAGTATACCTGTTACAAAGACACCATTGCCCCA AACGGAGAACACCATGCCCTGGAAATCGCACAGTTTGGAGGACTACCGGAAACACGTGCTCTTCTGTGGA ACAGAAGTTATTCAGGTCAAGCCATCTGCTCAGGGGCTTGTTAGAGCTGTTGTTCTGCAGACAGGTTATA ATACAGCCAAAGGAGACTTAGTGAGATCCATCCTCTACCCTCGACCTCTGAACTTCAAACTGTATAATGA TGCCTTCAAGTTCATGGTGTTCCTGGCCTGCGTTGGTGTTGTGGGATTTTTCTATGCCCTAGGTGTCTAT ATGTACCATGAAGTACCTCCGAGAGAAACTGCAACCATGGCCCTGATCCTTCTCAGTGCCACCGTCCCTC CCGTGCTCCCGGCTGCACTGACCATAGGCAACGTGTACGCCCAGAAGAGGTTGAAGAAGGAGAAGATTTT CTGTATCTCCCCGCAGAGAATCAACATGTGTGGTCAGATCAACCTCGTGTGCTTCGACAAAACAGGAACT CTGACAGAAGATGGGCTGGACCTCTGGGGGACTGTCCCCACCGCTGGCAACTGTTTCCAGGCAGTCCACA

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ATGGCCTCCCGTGAACAGGACAGATTATGCAGTCAATGGCAAAAATGGATTCTATGTCAACAGAGCCTAT
GAGAGCCCCGAAGAGGTCCCCAAAGGGAAGCTCAAGCTGGAAGAGCAGGCTTCAGAACAGCACTTTTGGA
CTAGACTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175650

Insert Size: 3651 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_175650.4, NP_783581.2
RefSeq Size:	4535 bp
RefSeq ORF:	3651 bp
Locus ID:	268878
UniProt ID:	Q3TYU2
Cytogenetics:	16 B2