OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223688

Atp9b (NM_015805) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp9b (NM_015805) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp9b
Synonyms:	AA934181; Atpc2b; IIb; MMR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223688 representing NM_015805 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCGGACCAGATTCCCCTGTACCCCGTGCGCAGCGCGGGCGCCGCAGCCAGCCACAGACGTGCGGCCT ACTACAGCTCCGCCGGGCCCGGGCCCGGTGCCGACCGGCGCGGCAGGTACCAGCTGGAGGATGAGTCTGC CCATTTGGATGAAATGCCACTGATGATGTCTGAAGAAGGCTTTGAGAATGATGAAAGTGATTACCACACA TTACCTCGAGCTAGGATAACACGGAGAAAGAGAGGACTGGAGTGGTTTGTCTGTGGAGGATGGAAGTTCC TCTGTACCAGTTGCTGTGATTGGCTAATAAATGTTTGTCAAAGGAAGAAAGAGCTAAAAGCTCGAACAGT ATGGCTTGGATGTCCAGAGAAGTGTGAAGAGAAACATCCTAGGAATTCTATCAAAAATCAGAAATACAAT GTATTTACCTTTATACCTGGGGTTTTGTATGAACAATTCAAGTTTTTCTTGAATCTCTATTTTCTGGTAG TGTCCTGCTCACAGTTTGTACCAGCATTGAAAATTGGCTACCTCTACACCTACTGGGCTCCTCTGGGATT TGTTTTGGCCGTTACGATTGCACGTGAAGCGATTGATGAATTTCGACGTTTTCAGCGAGACAAGGAAATG AATTCACAGTTATATAGCAAGCTTACAGTAAGAGGTAAAGTTCAAGTTAAGAGCTCAGACATACAAGTTG GAGACCTCATCATAGTGGAAAAGAACCAAAGAATTCCATCAGATATGGTATTTCTTAGAACTTCAGAGAA AGCAGGTTCATGTTTTATCCGCACGGACCAGCTAGATGGTGAGACTGACTGGAAGCTGAAGGTGGCGGTG AGCTGCACACAACGGCTGCCAGCCCTCGGGGACCTTTTTTCTATCAGTGCCTATGTTTATGCTCAGAAGC CACAACTGGATATTCATAGCTTTGAAGGAACATTTACCAGGGAAGACAGTGATCCTCCCATTCATGAGAG TCTCAGCATAGAGAACACTCTGTGGGCAAGCACTATTGTTGCATCAGGTACTGTAATAGGTGTTGTCATT TATACTGGAAAAGAGACTCGAAGTGTAATGAACACATCCAATCCAAAAAATAAGGTTGGTTTATTGGACC TCGAACTCAATCAGCTGACAAAGGCGCTATTTCTGGCTTTAGTTGTTCTTTCTGTTGTTATGGTAACCTT ACAGGGATTTGCAGGCCCATGGTACCGTAATCTTTTTCGGTTCCTCCTTCTCTTTTCCTACATCATTCCC ATAAGTCTGCGAGTAAACTTGGATATGGGCAAAGCAGCATATGGATGGATGATTATGAAAGATGAGAATA TTCCTGGTACAGTTGTTCGGACCAGCACAATACCAGAAGAACTTGGACGCCTGGTGTACTTACTGACAGA CAAAACAGGGACGCTCACTCAGAATGAAATGGTATTTAAGCGGCTCCATCTGGGCACTGTCTCCTACGGA ACGGACACTATGGACGAAATCCAAAGTCACGTCCTGAATTCCTACCTGCAGGTACACTCACAGCCAAGTG

View online »

GGCACAACCCAAGCTCTGCTCCACTGAGAAGAAGCCAGTCCTCAACGCCTAAAGTCAAGAAGAGCGTCAG
CAGTAGAATCCATGAAGCAGTGAAAGCCATTGCCCTTTGTCATAATGTCACTCCTGTGTATGAGGCTCGG
GCTGGCATCACTGGGGAGACTGAGTTTGCTGAAGCAGACCAAGACTTTAGTGATGAGAACCGCACCTACC
AGGCCTCCAGCCCCGATGAGGTGGCACTGGTACGATGGACAGAGAGTGTTGGGCTCACTCTGATCAGCAG
GGATCTTGCTTCCATGCAGCTGAAGACCCCCAGTGGCCAGGTCTTGACCTACTGCATCCTACAGATGTTC
CCCTTCACCTCCGAGAGCAAGCGGATGGGCATCATAGTCAGAGATGAATCCACAGCAGAAATTACATTCT
ATATGAAAGGTGCTGATGTCGCAATGTCCACCATTGTCCAGTACAATGATTGGCTAGAAGAGGAGTGTGG
AAACATGGCACGAGAGGGCCTGCGAACCCTTGTGGTAGCCAAGAGGACTCTGACAGAAGAGCAATACCAG
GATTTTGAGAGCCGATACAGTCAAGCCAAACTGAGTATCCATGACCGGGCTCTGAAAGTCGCTGCTGTTG
TAGAAAGCCTGGAGAGAGAGATGGAGCTGTTGTGCCTCACTGGGGTGGAGGACCAGCTGCAAGCTGATGT
GAGGCCCACACTAGAGATGCTGCGCAATGCAGGGATCAAGATTTGGATGCTAACAGGCGATAAACTGGAA
ACAGCTACTTGTATTGCCAAAAGCTCACACTTGGTGTCCAGAACACAAGACATTCATGTTTTCAGACCAG
TAACCAGTCGGGGAGAAGCCCATTTGGAGCTAAATGCGTTTAGAAGGAAGCATGACTGTGCACTGGTTAT
ATCTGGGGATTCTCTGGAGGTCTGCCTGAGGTACTACGAGCATGAACTTGTGGAGCTGGCCTGCCAGTGC
CCTGCTGTGGTCTGCTGCCGCTGCTCACCCACCCAGAAGGCCCACATCGTGACCCTGTTACGCCAGCATA
CCAGAAAGCGCACCTGTGCCATCGGCGACGGAGGGAATGACGTGAGCATGATCCAGGCTGCTGACTGTGG
GATTGGGATTGAAGGAAAGGAGGGCAAACAGGCTTCTCTGGCAGCGGACTTCTCCATCACACAGTTCAGA
CACATCGGCAGGCTGCTCATGGTGCACGGACGGAACAGCTACAAACGGTCTGCAGCACTTGGCCAGTTTG
TCATGCACAGGGGCCTCATCATCTCCACCATGCAGGCTGTGTTTTCTTCAGTCTTCTACTTTGCATCTGT
ACCGCTGTACCAGGGATTCCTTATGGTAGGGTATGCAACTATCTACACCATGTTCCCAGTGTTCTCCTTA
GTGTTGGACCAAGATGTAAAGCCAGAGATGGCGATTCTCTACCCAGAGCTGTACAAGGACCTCACCAAGG
GAAGATCCCTTTCCTTCAAGACCTTCCTCATCTGGGTTTTGATCAGTATTTACCAAGGAGGCATCCTCAT
GTATGGGGCACTGCTGCTCTTCGAGGACGAGTTTGTCCATGTTGTGGCCATCTCCTTCACAGCGCTGATC
CTGACCGAGCTGCTCATGGTGGCCCTGACTATCAGGACGTGGCACTGGCTGATGGTTGTGGCGGAGTTCC
TCAGTCTGGGCTGCTATGTCGCCTCACTTGCTTTTCTAAATGAGTATTTTGATGTTGCCTTCATCACAAC
CGTGACCTTCTTGTGGAAAGTGTCAGCCATCACTGTGGTCAGCTGCCTCCCACTCTACGTGCTCAAGTAC
TTGAAGAGAAAGCTGTCCCCTCCCAGCTACTCCAAGCTGTCCTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_015805

Insert Size: 3408 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_015805.3, NP_056620.2
RefSeq Size:	5444 bp
RefSeq ORF:	3408 bp
Locus ID:	50771
UniProt ID:	P98195
Cytogenetics:	18 E3