

Product datasheet for MC229412

Atp9b (NM_001201569) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp9b (NM_001201569) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp9b
Synonyms:	AA934181; Atpc2b; Ilb; MMR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229412 representing NM_001201569 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGACCAGATTCCCTGTACCCCGTGCAGCGCGGGCGCCGAGCCAGCCACAGACGTGCGGCCT
ACTACAGCTCCGCGGGCCCGGGCCCGGTGCCGACCGCGCGGCAGGTACCAGCTGGAGGATGAGTCTGC
CCATTTGGATGAAATGCCACTGATGATGTCTGAAGAAGGCTTTGAGAATGATGAAAGTGATTACCACACA
TTACCTCGAGCTAGGATAACACGGAGAAAGAGAGGACTGGAGTGGTTTGTCTGTGGAGGATGGAAGTTCC
TCTGTACCAAGTTGCTGTGATTGGCTAATAAATGTTTGTCAAAGGAAGAAAGAGCTAAAAGCTCGAACAGT
ATGGCTTGGATGTCCAGAGAAGTGTGAAGAGAAACATCCTAGGAATTCATCAAAAATCAGAAATACAAT
GTATTTACCTTTATACCTGGGGTTTTGTATGAACAATCAAGTTTTCTTGAATCTCTATTTTCTGGTAG
TGTCCTGCTCACAGTTTGTACCAGCATTGAAAATTGGCTACCTCTACACCTACTGGGCTCCTCTGGGATT
TGTTTTGGCCGTTACGATTGCACGTGAAGCGATTGATGAATTCGACGTTTTAGCGGAGACAAGGAAATG
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GAGACCTCATCATAGTGGAAGAAGCAAGAAATCCATCAGATATGGTATTTCTTAGAAGTTTCTAGAGAA
AGCAGGTTTCATGTTTTATCCGCACGGACCAAGTATGATGGTGAGACTGACTGGAAGCTGAAGTGGCGGTG
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CACAAGTGGATATTCATAGCTTTGAAGGAACATTTACCAGGGAAGACAGTGATCTCCCATTCATGAGAG
TCTCAGCATAGAGAAGCACTCTGTGGGCAAGCACTATTGTTGCATCAGGTACTGTAATAGGTGTTGTCATT
TATACTGGAAAAGAGACTCGAAGTGAATGAACACATCCAATCCAAAAATAAGGTTGGTTTATTGGACC
TCGAAGTCAATCAGCTGACAAAGCGCTATTTCTGGCTTTAGTTGTTCTTTCTGTTGTTATGGTAACCTT
ACAGGGATTTGCAGGCCCATGGTACCGTAATCTTTTTCGGTTCCTCCTTCTCTTTTCTACATCATTCCC
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TTCTCTGGTACAGTTGTTTCGGACAGCACAATACCAGAAGAACTTGGACGCTGGTGTACTTACTGACAGA
CAAAACAGGGACGCTCACTCAGAAATGAAATGGTATTTAAGCGGCTCCATCTGGGCACTGTCTCCTACGGA
ACGGACACTATGGACGAATCCAAAGTCACGTCCTGAATTCCTACCTGCAGGTACACTCAGACCAAGTG



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GGCACAACCCCAAGCTCTGCTCCACTGAGAAGAAGCCAGTCCTCAACGCCTAAAGTCAAGAAGAGCGTCAG
CAGTAGAATCCATGAAGCAGTGAAAGCCATTGCCCTTTGTGTCATATGTCCTCTGTGTATGAGGCTCGG
GCTGGCATCACTGGGGAGACTGAGTTTGTGAAGCAGACCAAGACTTTAGTGATGAGAACCGCACCTACC
AGGCCTCCAGCCCCGATGAGGTGGCACTGGTACGATGGACAGAGAGTGTGGGCTCACTCTGATCAGCAG
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AAACATGGCACGAGAGGGCCTGCCAACCCTTGTGGTAGCCAAGAGGACTCTGACAGAAGAGCAATACCAG
GATTTTGAGAGCCGATACAGTCAAGCCAACTGAGTATCCATGACCGGGCTCTGAAAGTCGCTGCTGTTG
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ACAGCTACTTGTATTGCCAAAAGCTCACACTTGGTGTCCAGAACACAAGACATTCATGTTTTAGACCCAG
TAACCACTCGGGGAGAAGCCATTTGGAGCTAAATGCGTTTGAAGGAAGCATGACTGTGCACTGGTTAT
ATCTGGGATTCTCTGGAGGTCTGCCTGAGGTACTACGAGCATGAACTTGTGGAGCTGGCCTGCCAGTGC
CCTGCTGTGGTCTGCTGCCGCTGCTCACCACCCAGAAGGCCACATCGTGACCCTGTTACGCCAGCATA
CCAGAAAGCGCACCTGTGCCATCGGCGACGGAGGGAATGACGTGAGCATGATCCAGGCTGCTGACTGTGG
GATTGGGATTGAAGGAAAGGAGGGCAAACAGGCTTCTCTGGCAGCGGACTTCTCCATCACACAGTTCAGA
CACATCGGCAGGCTGCTCATGGTGCACGGACGGAACAGCTACAAACGGTCTGCAGCACTTGGCCAGTTTG
TCATGCACAGGGGCTCATCATCTCCACCATGCAGGCTGTGTTTTCTTCAGTCTTCTACTTTGCATCTGT
ACCGCTGTACAGGGATTCTTATGGTAGGGTATGCAACTATCTACACCATGTTCCAGTGTCTCCTTA
GTGTTGGACCAAGATGTAAGCCAGAGATGGCGATTCTCTACCCAGAGCTGTACAAGGACCTCACCAAGG
GAAGATCCCTTTCTTCAAGACCTTCTCATCTGGGTTTTGATCAGTATTTACCAAGGAGGCATCCTCAT
GTATGGGCACTGCTGCTCTTCGAGGACGAGTTTGTCCATGTTGTGGCCATCTCCTTCACAGCGCTGATC
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TCAGTCTGGGCTGCTATGTCGCCTCACTTGCTTTTCTAAATGAGTATTTTGGTATAGGCAGAGTGTCTTT
TGGCGCTTTCTTAGATGTTGCCTTCATCACAACCGTGACCTTCTTGTGGAAGGTGTAGCCATCACTGTG
GTCAGCTGCCTCCCACTCTACGTGCTCAAGTACTTGAAGAGAAAGCTGTCCCTCCAGCTACTCCAAGC
TGTCTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001201569
Insert Size:	3441 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001201569.1](#), [NP_001188498.1](#)

RefSeq Size: 5477 bp

RefSeq ORF: 3441 bp

Locus ID: 50771

UniProt ID: [P98195](#)

Cytogenetics: 18 E3