

Product datasheet for **MC223085**

Atp9b (BC079626) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp9b (BC079626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp9b
Synonyms:	Atpc2b, I1b, MMR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC079626 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGACCAGATTCCCCTGTACCCCGTGCAGCGCGGGCGCCGAGCCAGCCACAGACGTGCGGCCCT
ACTACAGCTCCGCCGGGCCCGGGCCCGGTGCCACCGCGCGGCAGGTACCAGCTGGAGGATGAGTCTGC
CCATTTGGATGAAATGCCACTGATGATGTCTGAAGAAGGCTTTGAGAATGATGAAAGTGATTACCACACA
TTACCTCGAGCTAGGATAACACGGAGAAAGAGAGGACTGGAGTGGTTTGTCTGTGGAGGATGGAAGTTCC
TCTGTACCAAGTTGCTGTGATTGGCTAATAAATGTTTGTCAAAGGAAGAAAAGAGCTAAAAGCTCGAACAGT
ATGGCTTGGATGTCCAGAGAAGTGTGAAGAGAAACATCCTAGGAATTCTATCAAAAATCAGAAAATACAAT
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TGTTTTGGCCGTTACGATTGCACGTGAAGCGATTGATGAATTCGACGTTTTTCAGCGAGACAAGGAAATG
AATTCACAGTTATATAGCAAGCTTACAGTAAGAGGTAAGTTCAAGTTAAGAGCTCAGACATAACAAGTTG
GAGACCTCATCATAGTGGAAAAGAACCAAGAATCCATCAGATATGGTATTTCTTAGAAGTTTTCAGAGAA
AGCAGGTTTCATGTTTTATCCGCACGGACCAAGCTAGATGGTGAAGTACTGACTGGAAGCTGAAGTGGCGGTG
AGCTGCACACAACGGCTGCCAGCCCTCGGGACCTTTTTTCTATCAGTGCCTATGTTTATGCTCAGAAGC
CACAAGTGGATATTCATAGCTTTGAAGGAACATTTACCAGGGAAGACAGTATCCTCCCATTTCATGAGAG
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TCGAAGTCAATCAGCTGACAAAGCGCTATTTCTGGCTTAGTTGTTCTTTCTGTTGTTATGGTAACCTT
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ACGGACACTATGGACGAAATCCAAGTCAGTCTGAATTCCTACCTGCAGGTACTCAGACCAAGT



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GGCACAACCCAAGCTCTGCTCCACTGAGAAGAAGCCAGTCCTCAACGCCTAAAGTCAAGAAGAGCGTCAG
 CAGTAGAATCCATGAAGCAGTGAAGGCCATTGCCCTTTGTATAATGTCCTCTGTGTATGAGGCTCGG
 GCTGGCATCACTGGGGAGACTGAGTTTGTGAAGCAGACCAAGACTTTAGTGATGAGAACCACCTACC
 AGGCTCCAGCCCGATGAGGTGGCACTGGTACGATGGACAGAGAGTGTGGGCTCACTCTGATCAGCAG
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 GAGGCCACACTAGAGATGCTGCGCAATGCAGGGATCAAGATTTGGATGCTAACAGGCGATAAACTGGAA
 ACAGCTACTTGTATTGCCAAAAGCTCACACTTGGTGTCCAGAACACAAGACATTCATGTTTTAGACCAG
 TAACCAGTCGGGAGAAGCCATTTGGAGCTAAATGCGTTTAGAAGGAAGCATGACTGTGCACTGGTTAT
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 CCTGCTGTGGTCTGCTGCCGCTGCTCACCCACCCAGAAGGCCACATCGTGACCCTGTTACGCCAGCATA
 CCAGAAAGCGCACCTGTGCCATCGGCGACGGAGGGAATGACGTGAGCATGATCCAGGCTGCTGACTGTGG
 GATTGGGATTGAAGGAAAGGAGGGCAAACAGGCTTCTCTGGCAGCGGACTTCTCCATCACACAGTTCAGA
 CACATCGGCAGGCTGCTCATGGTGCACGGACGGAACAGCTACAAACGGTCTGCAGCACTTGGCCAGTTTG
 TCATGCACAGGGGCTCATCATCTCCACCATGCAGGCTGTGTTTTCTTCACTTCTACTTTGCATCTGT
 ACCGCTGTACCAGGGATTCCATTATGGTAGGGTATGCAACTATCTACACCATGTTCCCACTGTTCTCCTTA
 GTGTTGGACCAAGATGTAAGCCAGAGATGGCGATTCTCTACCCAGAGCTGTACAAGGACCTCACCAAGG
 GAAGATCCCTTTCCTTCAAGACCTTCTCATCTGGGTTTTGATCAGTATTTACCAAGGAGGCATCCTCAT
 TATGGGCACTGCTGCTCTTCGAGGACGAGTTTGTCCATGTTGTGGCCATCTCCTTACAGCGCTGATC
 CTGACCGAGCTGCTCATGGTGGCCCTGACTATCAGGACGTGGCACTGGCTGATGGTTGTGGCGAGTTC
 TAGTCTGGGCTGCTATGTCGCCTCACTTGTCTTCTAAATGAGTATTTGGTATAGGCAGAGTGTCTTT
 TGGCGCTTTCTTAGATGTTGCCTTCATCACAACCGTGACCTTCTTGTGAAAAGTGTGAGCCACTGCTG
 GTCAGTGCCTCCACTCTACGTGCTCAAGTACTTGAAGAGAAAGCTGTCCCTCCAGCTACTCCAAGC
 TGTCTCTCTGA

ACGGCTACGCGGGCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC079626
- 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).
- 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: [BC079626](#), [AAH79626](#)

RefSeq Size: 5402 bp

RefSeq ORF: 3440 bp

Locus ID: 50771

Cytogenetics: 18 E3