

Product datasheet for **MC223902**

Atp8b4 (NM_001080944) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp8b4 (NM_001080944) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atp8b4
Synonyms: A530043E15; Im
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223902 representing NM_001080944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGATGTTCTGCAATAAGAAGAAGCTACTTGAAGTGGAGCGGGTGGTAAAAGCCAATGACCGTGACTACA
 ATGAGAAGTTCAGTATGCGGACAATCGTATCCATACGTCCAAGTACAACGTTCTCACATTTTGGCAAT
 TAATTTATTTGAGCAGTTACAAAGAGTGGCAAATGCCTACTTTCTTTCTTCTGATACTACAGCTCATT
 CCAGAAATCTCTCCCTGACATGGTTCACCACCATTGTGCCACTGGTCCCTGGTGATCTCGATGACGGCTG
 TCAAGGATGCCACCGACGACTATTTCCGTCACAAGAGTGATAATCAAGTGAATAACCGGAGCTAAGGT
 GCTCATCAATAGCAAACCTGCAGAATGAAAAATGGATGAATGTTAAAGTTGGAGACATCATTAAATAGAA
 AACACCAATTTGTGCGTGTGACCTGTGCTCCTGTGCGAGCAGTGAGCCACACGGTCTCTGTTATGTTG
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 AGCAGACATTAGCAGTCTGCAGAGTTTGTGGATCGTCAGGTGTGAGGCGCCTAACACAAGTTAGAC
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 ATTTTTGGGTTTCTGGTATGCTTGGGAATTATCTTGCAGTAGGAAGTTCAATCTGGAGAGTGAAGTTG
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 CAGAAAAAACACTGCATTTCTTTGACCAGAGTCTAATGGAATCCATTGAGCTGGGGGACCCCAAAGTCCA
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 TACCAAGTTCAATCGCCTGATGAAGGAGCTCTAGTTACTGCTGCTAGAAATTTGGGTTCAATTTAAGT



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CTCGAACTCCAGAGACAATTACAATAGAAGAATTGGGAACACCGGTGACTTATCAGTTACTTGCCTTTTT
GGATTTCAACAACATCCGAAAAGGATGTCTGTGATAGTTGAAACCCAGAAGGACGTATAAACTTTAT
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CACTCCAGAAAGCCCAAGTAGTAGAGTTGGTAAAAAGCACAGAAATGCTGTGACTTTGGCCATTGGTGA
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GAAGGTGGTCTACTACAGGATGTGCAAGTTCTTATGCTATTTCTTCTACAAGAACTTTGCGTTCACCC
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AGAACAGCATGGACTATCCTCAGCTCTACGAACCTGGACAACCTGAATCTCCTTTTTAACAAAGCGCAGATT
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TGTCATTGTGGTCAGCATAACAGATAGCCTTGGACACGAGTACTGGACTGTGGTTAATCACGCTTTCAT
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

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Restriction Sites:

SgfI-RsrII

ACCN:

NM_001080944

Insert Size:

3585 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_001080944.3, NP_001074413.2

RefSeq Size: 5529 bp

RefSeq ORF: 3585 bp

Locus ID: 241633

Cytogenetics: 2 F1