

Product datasheet for **MC224004**

Atp2b3 (NM_177236) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp2b3 (NM_177236) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp2b3
Synonyms:	6430519O13Rik; Pmca3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224004 representing NM_177236 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGACATGGCAAACAGTTCATTGAGTTCACCCCAAGCCCAGCAGCAGCGGGAAGTGCCCATG
TGGGTGGCTTTGGATGCACACTGGCAGAACTACGAAGCCTCATGGAGCTCCGAGGTGCTGAGGCACTGCA
GAAGATTAAGAAGCCTATGGGGATGTCAGCGGGCTGTGCAGGAGGCTGAAGACCTCACCTACTGAGGGC
CTGGCAGACAACCAATGACTTGGAGAAACGCAGGCAGATCTATGGGCAGAACTCATCCCCCAAAGC
AGCCTAAGACCTTCTGCAACTGGTGTGGGAAGCCCTGCAGGACGTGACTCTCATCATCTGGAGGTGGC
TGCATCGTCTCCCTGGGCCTCTCTTCTATGCACCTCCTGGAGAGGAAAGTGAAGCCTGTGGGAATGTG
TCTGGTGGGCGAGAGGATGAAGGAGAGGCTGAAGCTGGCTGGATTGAGGGGGCTGCCATCTACTCTCTG
TCATCTGTGTGGTGTGGTGCACAGCCTTCAATGACTGGAGCAAGGAAAAGCAGTCCGAGGTCTTCAAAG
CCGATTGAGCAGGAGCAGAAGTTTACTGTACATACGAAATGGGCAGCTCCTCCAGGTCCCTGTGGCGGCC
CTGGTGGTAGGGGACATTGCCAGGTCAAATATGGAGATCTTCTGCCTGCCGATGGTGTGCTCATCCAAG
GCAATGACCTCAAGATCGATGAGAGCTCCCTGACCGCGAGTCGGACCATGTTTCGAAAATCAGCAGACAA
AGATCCTATGCTGCTCTCAGAACTCATGTATGGAAGGTTCTGGGAGAATGGTGGTAACAGCTGTTGGT
GTGAACCTCCAGACAGGCATCATCTTTACATTGCTTGGGGCAGGTGGAGAGGAGGAGGAGAAGAAAGACA
AGAAAGGCAAGCAGCAGGATGGGGCGATGGACAGTAGCCAAACCAGAGCTAAGAAGCAGGATGGGGCTGT
TGCCATGGAATGCAACCCCTGAAGAGCGCCGAGGGTGGGAAAATGGAGGAGCGGAAAAGAAGAAAGCC
AACGTACCAAGAAGGAGAAGTCAGTCTGCAAGGAAAGCTCACAAAAGTGGCTGTGCAGATTGGGAAAAG
CAGGATTGGTGTGTCTGCTATCACTGTGATCATTCTGGTCTCTACTTTGTGATTGAGACCTTTGTCGT
GGATGGCCGGGTATGGCTGGCAGAGTGCACACCAGTGTATGTGCAGTACTTCGTGAAGTTCTTCATTATT
GGAGTCACTGTTTTGGTGTGGCTGTCCCTGAGGGCCTGCCTCTTGTCTTACTATCTCCTTGGCTTATT
CTGTCAAGAAAATGATGAAGATAATAACCTGGTACGCCACCTGGATGCCTGTGAGACCATGGGCAATGC
CACAGCCATCTGTTCTGACAAGACGGGCACACTACCACCAACCGCATGACAGTGGTCCAGTCTACCTA



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GGAGACCCCACTACAAAGAGATTCCAGCTCCCAGCGCCCTGACCCCAAGATTCTTGACCTTCTGGTTC
 ACGCCATCTCCATCAACAGTGCCTACACCACAAAATTCTACCTCCAGAGAAAGAAGGCGCTCTCCCACG
 CCAAGTGGGCAACAAAACAGAGTGTGCTCTGCTGGGCTTCGTCTTGGACCTGAAACGTGACTTCCAGCCA
 GTACGGGAGCAGATACCAGAAGATCAGCTTTACAAAGTGTACACCTTCAACTCAGTTCGCAAGTCTATGA
 GCACAGTTATCCGCATGCCTGATGGTGGCTTCCGCCTTTAGCAAGGGAGCCTCAGAGATTCTGCCTAA
 AAAGTGTACAAACATCTTAAACAGCAATGGTGAACCTCCGAGGATTCGTCTCGGACCCGGGATGATATG
 GTGAAGAAGATCATTGAGCCTATGGCTTGTGATGGCCTCCGACCATCTGCATTGCCTACAGGGACTTCT
 CTGCTATCCAGGAGCCTGATTGGGACAATGAGAATGAGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GGGCATCGAGGACCCTGTGCGACCTGAGGTCCCTGAAGCCATTGAAAATGCCAGCGTGTGGCATCACA
 GTCCGTATGGTACTGGAGACAACATCAACACTGCCCGGGCTATTGCAGCTAAGTGTGGCATCATCCAGC
 CAGGAGAGGACTTCTGTGCCTGGAGGGGAAGGAATCAACAGAAGAATTCGAAATGAGAAAGGCGAGAT
 TGAACAGGAGCGGCTGGACAAAGTGTGGCCAAGCTGCGGGTCTTGGCCGGTCTCTCCACTGATAAA
 CATACTCTGGTTAAAGGCATTATTGACAGCACAACCTGGTGAAGCAGCGCAGGTGGTGGTGTGACTGGAG
 ATGGCACCAATGATGGGCCAGCCCTCAAAAAGGCAGATGTGGCTTCGCCATGGGCATTGCAGGCACTGA
 TGTGGCCAAGGAGCCTCTGACATCATTCTGACTGATGACAACCTCACCAGCATTGTCAAGCGGGTCTATG
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 TGATCGTGGCCTTACGGGTGCCTGCATTACTCAGGACTCTCCTCTCAAAGCTGTGCAGATGTTGTGGGT
 GAACCTAATCATGGACACATTTGCCTCACTTGCCTGGCAACGGAACCCCAACTGAGTCACTGTGCTG
 CGGAAGCCATACGGCCGGGACAAGCCTCTCATCTCGAGAACCATGATGAAGAACATCCTTGGACATGCTG
 TCTACCAGCTCACCATCATCTTTACCCTGCTATTTGTTGGGGAGCTTTTCTTTGACATTGACAGTGGAG
 AAATGCACCTCTGCACTCACCACCGTCAGAGCACTATACCATCATCTTCAACACGTTTCGTCATGATGCAG
 CTTTTCAATGAGATCAATGCTCGCAAGATCCATGGTGAAGGAATGTCTTTGATGGCATCTCAGCAACC
 CCATCTTCTGCACCAATTGCTTGGGCACCTTTGGAATTCAGATTGTCATTGTCAAATTTGGAGGGAAGCC
 CTTGAGCTGTTCCCACTGTCCACAGAACAGTGGCTTTGGTGCCTGTTTGGTGGTGGGAGCTGGTC
 TGGGGACAGGTCATTGCCACCATCCCCACCAGCCAGCTCAAGTGCCTGAAGGAAGCAGGGCATGGCCTG
 GGAAGGATGAGATGACTGATGAAGAGCTGGCCGAAGGGGAAGAAGAAATTGACCATGCTGAACGAGAGCT
 CCGCAGGGGCCAGATCCTCTGGTTTTCGGGGCTCAACCGGATCCAGACACAGATCCGGGTGGTGAAGCA
 TTCCGTAGCTCGCTTTATGAAGGCTGGAGAAACCAGAATCCAAGAGTTGCATCCATAAATTCATGGCAA
 CACCCGAGTTTTTATGATCAATGACTACCCACAATATCCCGCTCATCGATGACACAGATGTGGATGAGAA
 CGAAGAGCGCCTGAGGGCCACCTCCCCACCCCTAACCAGAACAACAACGCCATAGACAGCGGCATC
 TACCTGACCACGCATGCCACCAAGTCAGCTACCTTTCAGATTCTCTTCCAGGCCCGGGAGCCACTCC
 ACAGCATGGAGACATCCCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_177236

Insert Size:

3663 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_177236.4](#), [NP_796210.2](#)

RefSeq Size: 6748 bp

RefSeq ORF: 3663 bp

Locus ID: 320707

Cytogenetics: X A7.3