

Product datasheet for RN205926

Atp1b2 (NM_012507) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp1b2 (NM_012507) Rat Untagged Clone
Tag: Tag Free
Symbol: Atp1b2
Synonyms: Amog; ATPB2; ATPB2S; RATATPB2S
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205926 representing NM_012507
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCATCCAAAAGAGAAGAAGAGCTGCGGGCAGGTGGTTGAGGAGTGAAGGAGTTCGTGTGGAATC
 CTCGGACGCACCAGTTCATGGGGCGCACCGGGACCAGCTGGGCCATCATCCTCCTCTTCTACCTCGTCTT
 CTATGGTTTCTCACGGCCATGTTACCCTCACCATGTGGTAATGCTGCAGACCGTCTCTGACCATAACC
 CCCAAGTACCAGGATCGACTGGCCACACCAGGCTTGATGATTGACCCCAAGACTGAGAACCTTGATGTCA
 TTGTCAACATTAGCGACTGAAAGCTGGGATCAGCATGTTGAGAAGCTCAACAAGTTCCTGGAGCCTTA
 CAACGACTCCATCCAAGCTCAAAAGAATGATGTCTGCCGTCTGGGCGATATTATGAGCAACCCGATAAT
 GGGGTTCTGAACTATCCAAAACGTGCCTGCCAGTTCACCGGACCCAGCTGGGCAATTGCTCTGGCATTG
 GGGACCTACTCACTATGGTTACAGCACCGGGCAGCCCTGTGTCTTCATCAAAATGAACCGGGTCATCAA
 CTTCTATGCAGGGGCAAACCAGAGCATGAACGTTACCTGTGTTGGGAAGAAAGATGAAGATGCTGAGAAT
 CTTGGACACTTCATCATGTTCCCTGCCAATGGCAACATCGACCTGATGTATTTCCCTACTATGGCAAAA
 AGTTCATGTAACCTATACAGCCCTTGGTGGCTGTGAAGTTCCTGAATGTGACCCCAATGTGGAGGT
 GAATGTAGAATGCCGAATTAACGCTGCCAATATTGCCACGGATGACGAGCGGGACAAGTTTCTGGCCGC
 GTGGCCTTCAAGCTTCGAATCAACAAAGCCT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012507
Insert Size: 873 bp



[View online »](#)

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:	<ol style="list-style-type: none">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:	<u>NM_012507.3</u> , <u>NP_036639.2</u>
RefSeq Size:	3014 bp
RefSeq ORF:	873 bp
Locus ID:	24214
Cytogenetics:	10q24
Gene Summary:	plays a role in Na ⁺ and K ⁺ transport [RGD, Feb 2006]