

Product datasheet for **RN210897**

Atp11a (NM_001107324) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp11a (NM_001107324) Rat Untagged Clone
Tag: Tag Free
Symbol: Atp11a
Synonyms: Ua20
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210897 representing NM_001107324
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACTGCAGCCTATTGAGGACGCTCGTGCGCAGATACTGTGCAGGGGAAGAGAACTGGGTGGACAGTC
GGACCATCTACGTGGGACACAAGGAGCCCCCTCCAGGTGCAGAGGCTACATTCCACAGAGATACCCGGA
CAATAGAATCGTCTCCTCCAAGTACACCTCTGGAACCTCATACCAAGAAGTATTTGAACAGTTCAGA
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TGACAAGCGGGCTCCCACTCTTCTCGTCATTACTGTCACAGCCATCAAGCAGGGTTATGAAGACTGGCT
TCGACACAAGGCAGACAGTGCCATGAACAGTGCCTCGTGCATTCATTCAACATGGCAAGCTGGTGGC
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GATGTGATGGTCCCCAGAAATCTCCAGATGCAAAGTCTGTGTACATATCGTCTCGCTGATGAGG



TCGCACTGGTCTGAAGGTATGCAGAGGCTTGGATTACATACCTGAGGCTGAAGGACAATTACATGGAAAT
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 AGAATGAGCGTGATTGTAAAATCTACTACAGGAGAAATTTATCTGTTTTGCAAAGGAGCAGATTCTTCAA
 TCTTTCCAGAGTGATAGAAGGCAAAGTGGACCAGGTCCGGTCTAGAGTGGAACGCAATGCGGTGGAAGG
 GTTGCGAACCCCTGTGTGTGCCTACAAGAGGCTCGAGCCAGAACAATATGAAGATGCTTGCCGACTGCTA
 CAGGATGCCAAAGTGGCGCTTCAGGATCGGGAGAAGAAGCTGCCAGAAGCCTACGAGCAGATAGAGAAGG
 ACCTCATTCTGCTTGGTGTACAGCTGTTGAGGACCGGCTCCAGGAGAAAGCCGCTGACACAATTGAGGC
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 CTTCTCAGGCCTCTCCACAGATATGCACGACTATGGTTTAAATCATCGATGGAGCCGCACTGCTCTTGATA
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 AAAGGAGCATCCTATTACCTTGGCGATTGGTGACGGTGCAAATGACGTGACGATGATCCTGGAGGCCAC
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 TCAAACACTTGAAGAAGATGCTTCTCGTTACGGGCATTTTTATTATATCAGGATATCTGAGCTTGTGCA
 ATACTTCTTTTATAAGAATGTCTGCTTCATTTTCCCTCAGTTTTTGTACAGTCTTCTGCGGATTTTCA
 CAGCAGACTTTGTACGATACTGCATATCTGACTCTTACAACATCAGTTCACTTCCCTCCCGATTCTCC
 TGTACAGCCTCATGGAGCAGCAGTGGGCATTGACGTGCTCAAGAGAGACCCGCTCCCTACAGAGACAT
 TGCCAAGAACGCGCTGCTGCGTGGCGGCTGTTTCAATACTGGACGTTTTCTCGCGTTTTTGACGTTTTG
 GTATTTTTCTTTGGTCTTATTTTATGTTTGAACACAACCGTGACCATCAATGGACAGATGTTTGGGA
 ACTGGACCTTTGGGACTCTGGTGTCTGATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG
 ACATTACTGGACTTGGATAAACCCTTTGTGTCATCTGGGGTTCGCTGTTCTACATCGTCTTCCCTG
 CTCTGGGAGGGATTATCTGGCCGTTCCCTCAGCTACCAGCGGATGTAATGTGTTTATATACATGCTGT
 CCAGCGGGCCTGCCTGGTTGGGCATCATATTGCTTGTACAGTCCGCTCCTCCCTGATGCTCCTCAAGAA
 GGTCTGTGCAGGCAGTTGTGGCCACGGCAACGGAGAGAACTCAGACTGTACAGCTCCGGGACAGCATT
 TCAGAATCACCCCTCTGGCCTCTGTCAGAGCCGGGTGCTCAGGGCACCAGACTCTTGGCTGCCCAAT
 GCAGCTCCCCCTCTGGGAGATTGTATGCTCCAGGTGGGAGAGCGAAGAGTATCCTGTGCTCCCTACTCA
 CCCAGGCCTTCTCCACAAGGCGAGGTATGGGTGCTGTAGGTCCAGCCTGGAGACACCCACTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107324
- Insert Size:** 3564 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_001107324.2](#), [NP_001100794.2](#)

RefSeq Size: 7459 bp

RefSeq ORF: 3564 bp

Locus ID: 306600

Cytogenetics: 16q12.5