

Product datasheet for **RN206840**

Atp6v0a4 (NM_001106591) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v0a4 (NM_001106591) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v0a4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206840 representing NM_001106591
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCTGTGTTTCAAGTGAGGAGATGTGCTTATCCCAAGTGTTCCTCAGGTGGAGGCTGCATACT
 GCTGTGTGGCTGAGCTGGGGAGCTTGGTTTGGTTCAATTCAAAGATCTGAACGCAAATGTAACAGCTT
 CCAGAGGAAGTTTGTGAATGAGGTCCGAAGATGCGAGTCACTGGAGAGAATCCTCCGTTTTCTGGAAGT
 GAGATGCAAAATGAGATTATAATCCAAGTGCCTGACAAGGATCCAGGGACCCCTCTGCCCGGAAATGA
 TCACCCTGGAGACTACTCTGGAGAAGTTGGAAGGAGAGCTACAGGAAGCCAACCAGAGCCATCAGGCTTT
 GAAGAAGAGCTTTTTGGAAGTACAGAGCTCAAATACCTCTGAAGAAAACCCAGGACTTTTTGAGGTA
 AACTTAGGTTCCAGGCCGGTGTGATAAACAGGGAGAGGATGGCTTCTTCGAGAGGCTGCTGTGGAGAG
 TTTGCCCGGAAACGTATATTTGAAGTTCAGCGAGATGGACACACTTCTGGAGGATCCTGTGACGAAAGA
 AGAAATTAAGAAGATATATTCATCATATTTTATCAAGGAGAACAGCTCAGGCTGAAAATCAAGAAGATC
 TGTGATGGGTTTCGTGCTACCATCTACCCTGCCCGAGCATGCAGCCGAGCGCAGAGAGATGCTGGCCA
 GTGTCAATGTGAGGCTGGAAGACTTAATCACTGTCAATACCCAAACAGAGTCTCACCGACAGCGCCTACT
 GCAGGAAGCAGCTTCAACTGGCACTCGTGGGTCAAGTACAGAAGATGAAGGCCGTCTACCACGTG
 CTGAACATGTGCAACATCGACGTCACCCAGCAGTGCATCATTGCTGAGATCTGGTTCCCTGTAGCAGACA
 CTAGACACATTAAGAAGGCCCTGGAGCAAGGCATGGAAGTCAAGTGGTCCCTCCATGGTCCCACATCATGAC
 AGAAGTGGAACTAAAACAGACCCTCCCACCTCAATAGGACCAATAAATTTACAGCTGGCTCCAGAAC
 ATGTCGATGCATATGGTGTAGGTAGCTACCGAGAGATAAACCCAGCCCCCTATACTATCATCACCTTCC
 CCTTCTGTTTCGCTGTGATGTTTGGAGACTGTGGTCACGGGATGGTGTGCTGATGGCCGCCCTGTGGAT
 GGTCTAAATGAGAGACACTTGGCTGAGTCAAGAAGACCAATGAGATGTGGAACATCTTCTTCAATGGG
 CGCTATCTGATCCTCATGGGCATCTTCCATCTACACCGGCTTGATCTACAACGACTGTTTCTCCA
 AATCTTTTAACATCTTTGGCTCCTCTTGGAGTGTCCAGCCTATGTTTCAAGAACCGCACGTGGAATGCTCA
 TGTGCGTGGAAACAGAATCCGATTTGCGAGCTGGATCCGGCCATCCCAGGAGTGATTTCTGGAATCCCTAC
 CCATTTGGGATTGATCCGATTTGGAACCTGGCTTCAAACAACTCACATTTTAACTCCTACAAGATGA
 AGATGTCGGTTCATCCTGGGAATCGTTCATATGATCTTCCGTTGTTATCCTCAGCCTCTTCAATCACATCTA
 CTTCAGACGAACCCTCAACATCATTCTGCAGTTCATCCCCGAGATGATTTTTATGCTGAGTCTGTTTGA
 TACCTGGTTTTTCATGATCATTTTCAAGTGGTGTCAATATGATGCCACACATCCCAGAAGGCACCCAGCA
 TCCTCATCCACTTCATCGGCATGTTTCTGTTTACTACGATGACTCGTCCACGCACCCCTGTACGGCCA
 TCAGCAAGAAGTCCAGACTTTCTTTGTCATTATAGCGTTGGTGTCTGTGCCGTGGATGCTTTTGATTAAG
 CCATTTATCCTTAGAGCCAAGCACCAGAAATCTCAGCTGCAGTCTTACAGATCCATGAGGATGCCATGG
 AGGGCCCCCTGTTAAGAAGACTGCAGGTGCCATGGGACGAAGGAAGGACACGAGGAGGAGTTCAACTT
 TGGAGACATCTTTGTCCACCAAGCCATCCACACCATGAGTACTGCCTGGGCTGCATCTCCAATACAGCC
 TCATATCTTCCGCTGTGGGCTCTCAGCTTGGCTCACGCAGAGCTGTCCGAGGACTGTGGACCATGGTGA
 TGAGCATCGGCCCTCGCCTCCGAGGCTGGGAGGGCTCGTTGGTGTCTTCATCATTTTTGCCGCTTTCG
 CGTCTCACAGTTGCCATCCTCCTCGTTATGGAGGGCCTCTCAGCCTTTCTGCACGCCCTCCGGCTGCAT
 TGGGTGGAATTCAGAACAAGTTCTACGAGGGGGCCGGCTCAAGTTCTCCCCCTTCTCCTTTAAGCACG
 TCCTGGAAGGGCGGCTGAGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106591
Insert Size: 2406 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:	<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_001106591.1</u> , <u>NP_001100061.1</u>
RefSeq Size:	3154 bp
RefSeq ORF:	2406 bp
Locus ID:	296981
Cytogenetics:	4q22