

Product datasheet for **RN204568**

Atp6v0a2 (NM_053775) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v0a2 (NM_053775) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v0a2
Synonyms:	Cc1-3; J6b7; Tj6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204568 representing NM_053775
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCTCCCTCTCCGTAGCGAGAGCATGTGCCTGGCGCAGCTCTTCTGCAGTCGGGCACGGCCCTACG
 AGTGTCTGAGCGCGCTTGGCGAGAAGGGCTGGTGCAGTTCAGACCTCAACCAAAATGTAAGTCTTT
 CCAAAGAAAATTCGTTGGTGAGGTAAAGAGGTGTGAAGAACTAGAACGAATATTGGTGTACCTGGTGCAG
 GAAATCACCAGAGCTGATATCCCTGCCTGAGGGAGAGGCCAGTCTCCCGCACCACCTGTAAACATG
 TTCTAGAAATGCAGGAGCAGCTGCAGAAGCTCGAGGTGGAGCTCAGAGAAGTACCAAGAACAAGGAGAA
 GCTGAGGAAGAACCTGCTGGAGCTGGTGGAGTATACCCACATGCTGAGGGTACCAAGACCTTCTTAAA
 CGGAACGTGGAGTTGAGCCAATTACGAAGAGTCCCGCCTTAGAGAGCGACTCTCTGTTGGACTACA
 GCTGCATGCAGCGCTGGGCGCAAGCTGGGATTCGTTTCTGGCCTGATTCAGCAAGGCAAAGTGAAGC
 ATTTGAAAGAATGCTGTGGCGGGCTGCAAAGGTACACCATTGTGACCTATGCAGAGCTGGACGAGGCC
 CTGGAAGACCCTGAGACGGGTGAAGTCATAAAGTGGTATGTGTTCTGATCTCGTTTTGGGAGAGCAGA
 TTGGCCACAAGGTTAAGAAGATCTGTGACTGTTACCCTGCCACATCTACCCGTATCCAACACGGCCGA
 GGAGCGCAGGGAGATCCAGGAGGGGCTCAATACTCGGATCCAAGACCTTTACTGTGCTGCACAAAACG
 GAGGACTACCTGCGGCAAGTGTGTGCAAGGCTGCCGAGTCCGTGTGCAGCCGTGTGATACAGGTGCGGA
 AGATGAAAGCCATCTACCACATGCTCAACATGTGCAGCTTTGACGTACCAACAAGTGCCTCATAGCTGA
 GGTCTGGTGGCCGAGGTGGACCTGCCGGCTTGGCGAGAGCGCTGGAGGAAGGCTCGAGAGAAAGTGA
 GCTACAATCCCCTCGTTCATGAACAAATCCCTACGAAAGAAACGCCCCACTCTGATCCGACCAACA
 AATTCACTGAAGGTTTCCAGAACATCGTGGATGCCTACGGTGTGGGAGCTACAGAGAAGTGAACCCAGC
 TTTGTTACCATCATCACCTTCCGTTCCCTGTTTGGCGTGATGTTTGGTACTTGGGACAGGCTTTGTC
 ATGTTCTGTTTCCCTCTTACTGGTGTGAATGAGAATCACCCAGACTAAGCCAGTCACAGGAGATCC
 TTAGGATGTTCTTTGATGGCCGATATACCTGCTGCTGATGGGGCTGTTCTCCGTGTACACCGCCCTCAT
 CTACAACGACTGCTTCTCCAAGTCCCTGAACCTCTTTGGCTCTGGGTGGAACGTGTCTGCCATGTACAGT
 TCCAGCCACTCCCAGAGGAGCAAAGGAAAATGGTGTGTTGGAATGACAGCACCATCAGGCACAGCAGGA
 CGCTGCAGCTGGACCCAAACATCCCTGGAGTTTCCGAGGCCCTACCCTTTCGGCATCGATCTATTTG
 GAACCTGGCCACAAATCGCCTCACGTTCCCTCAACTCCTCAAGATGAAGATGTCTGTGATTTTAGGAATT
 TTTACATGACCTTTGGTGTCTTCTGGGAATATTTAACCCTTGCACCTCAGGAAGAAGTCAACATCT
 ACCTGGTCTCGGTCCCGAGATCCTGTTATGCTCTGCATCTTTGGGTACCTGATTTTCATGATCATCTA
 CAAGTGGCTGGCGTACTCGGCAGAGACCTCCAGAGAGGCCCCAGCATCCTCATCGAGTTTCAACATG
 TTCTGTTCCCGTCCAGTGAGACACACGGCCTCTACCCGGGGCAGGCACACGTCCAGAAGGTGTTGTTGG
 CTCTCACCGTGTGGCTGTCCCTGTGCTCTTCTGGGAAAGCCGCTCTTCTGCTGTGGCTGCACAAATGG
 GCGCAGTTGCTTCGGCGTGAGCCGGAGCGGCTACACGCTCGTGAGGAAGGACAGCGAGGAAGAGGTGCT
 CTCTAGGCAGCCAGGACATAGAGGAGGGGAACAACCGCATGGAAGAGGGCTGCCGAGAAATGACCTGTG
 AGGAGTTTAACTTCGGGGAGATCCTGATGACTCAGGCCATCCACTCCATCGAGTACTGCCTGGCTGCAT
 CTCCAACACTGCGTCTACCTGAGGCTTTGGGCTCTCAGCCTGGCACACGCACAGCTCTCGGATGTGCTG
 TGGGCCATGCTGATGCGTGTAGGCTGCGTGTGGACAACACTTACGGGGTCTGCTGCTGCTGCCGTC
 TGACTTTCTTTCAGTCTGACCGTTTTATCCTTCTGGTGTGGAAGGGCTTTCTGCATTTCTCCACGC
 CATCCGGCTTCACTGGGTAGAATTTCAGAACAATTTACGTTGGTGCAGGTACCAAATTCGTTCTTTCT
 TCCTTCAGTCTGCTGCTCCAAGTTCAGTAAAGATGACAGCATAGCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053775
Insert Size: 2571 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:	NM_053775.3 , NP_446227.2
RefSeq Size:	2571 bp
RefSeq ORF:	2571 bp
Locus ID:	116455
Cytogenetics:	12q15
Gene Summary:	tumor associated antigen; may play a role in immune response [RGD, Feb 2006]