

Product datasheet for **SC304255**

ATP11A (NM_015205) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ATP11A (NM_015205) Human Untagged Clone
Tag: Tag Free
Symbol: ATP11A
Synonyms: ATP1H; ATPIS
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_015205, the custom clone sequence may differ by one or more nucleotides

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ATGGACTGCAGCCTCGTGCGGACGCTCGTGACAGATACTGTGCAGGAGAAGAGAATTGG
GTGGACAGCAGGACCATCTACGTGGGACACAGGGAGCCACCTCCGGGCGCAGAGGCTAC
ATCCCACAGAGATACCCAGACAACAGGATCGTCTCGTCCAAGTACACATTTTGGAACTTT
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GCAGACAATGCCATGAACCAAGTGCCTGTTCAATTCAGCACGGCAAGCTCGTTCGG
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TTCCACACAGAGGAGGATATCGGCGGACTTCACGCCACCATCGAGTGTGAGCAGCCCCAG
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AGTGTAATTGTAATCTGCTACAGGAGAAATTTATCTGTTTTGCAAAGGACAGATTCT
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TCGATATTCCCCGAGTGATAGAAAGGCAAAGTTGACCAGATCCGAGCCAGAGTGGAGCGT
AACGCAGTGGAGGGGCTCCGAACCTTTGTGTGTTGCTTATAAAAAGGCTGATCCAAGAAGAA
TATGAAGGCATTTGTAAGCTGCTGCAGGCTGCCAAAGTGGCCCTTCAAGATCGAGAGAAA
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CGCTGGCGCGTGTTCATCTACTGGACGCTCCTGGGACTGTTTGACGCACTGGTGTCTTC
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GCATTGGACACACACTACTGGACTTGGATCAACCATTTTGCATCTGGGGTCCGCTGCTG
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TGGCCAACAGCAACAGAGAGAGTCCAGACTAAGAGCCAGTGCCTTTCTGTGAGCAGTCA
ACCATCTTTATGCTTTCTCAGACTTCCAGCAGCCTGAGTTTCTGA

Restriction Sites:

Please inquire

ACCN:

NM_015205

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).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015205.1](#), [NP_056020.1](#)

RefSeq Size: 8782 bp

RefSeq ORF: 3405 bp

Locus ID: 23250

UniProt ID: [P98196](#)

Cytogenetics: 13q34

Protein Families: Transmembrane

Gene Summary: The protein encoded by this gene is an integral membrane ATPase. The encoded protein is probably phosphorylated in its intermediate state and likely drives the transport of ions such as calcium across membranes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longer transcript and encodes isoform a.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.