

Product datasheet for **SC205266**

ATP1A3 (NM_152296) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATP1A3 (NM_152296) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATP1A3
Synonyms: AHC2; ATP1A1; CAPOS; DYT12; RDP
ACCN: NM_152296
Insert Size: 385 bp
Insert Sequence: >SC205266 3'UTR clone of NM_152296

The sequence shown below is from the reference sequence of NM_152296. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTTGGGTGGAGAAGGAAACCTACTACTGACCTCAGCCCCACCACATCGCCCATCTCTTCCCCGTCCCC
CAGGCCCAGGACCGCCCTGTGAGTCCCCCAATTTGTATTCTGGGGGAGGAGCCCTCTTCCCTGT
GGCCCCACCTTGGCCCCCACCCTCCACTATCTCCTGCCGCCCACTCTGGCTGGCTTCTCTCCCT
GCCCAAACCTCTCTCTCTCTTTTCTGTGTCAGTTTCTCTCCCTCTCTCACCCCTCTATCCATTC
CTCCCGCCCAGCCACCTCCCTGGGCTCTTTTACTCCCTTACGCCCCCGGCTGATGCCATCTCTG
GTTCTGGACAATTATCAAATATATCAGTGGGGAGAGAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_152296.5](#)



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Summary:

The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of Na⁺/K⁺ -ATPases. Na⁺/K⁺ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The catalytic subunit of Na⁺/K⁺ -ATPase is encoded by multiple genes. This gene encodes an alpha 3 subunit. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Locus ID:

478

MW:

14.2