

## Product datasheet for **SC210347**

### ATP1B3 (NM\_001679) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ATP1B3 (NM_001679) Human 3' UTR Clone
Symbol:	ATP1B3
Synonyms:	ATPB-3; CD298
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001679
Insert Size:	878 bp
Insert Sequence:	>SC210347 3'UTR clone of NM_001679 The sequence shown below is from the reference sequence of NM_001679. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTATGTTCAAAATCACAGCACGTGCATAGTATGAGTAGGATATCTCCACAGAGTAAATGTTGTGTTGT
CTGTCTTCATTTTGTAAACAGCTGGACCTCCATTCTAGAATTATGAGACCACCTGGAGAAAGGTGTGT
GGTACATGACATTGGGTTACATCATAACGTGCTTCCAGATCATAGTGTTCAAGTGCCTCTGAAGTAACT
GCCTGTTGCCTCTGCTGCCCTTTGAACCAAGTGTACAGTCGCCAGATAGGGACCGTGAACACCTGATTC
CAAACATGTAGGATGGGGTCTTGTCTCTTTTATGTGGTTAAATTGCCAAGTGTCTAAAGCTTAATA
TGCCGTGCTATGTAATATTTTATGGATATAACAAGTGCATATTTTATGTTCAACAGAGTTTTAGGGA
TAAATGGTACCCGGCCAACATCAAGTGACTTTATAGCTGCAAGAAATGTGGTATGTGGAGAAGTTCTG
TATGTGAGGAAGGAAAAAAGAAAAATAAAAGTGTGTTGAAAAATATTATCTTGGGTTCTTTGTAATAAT
TTATTTTTTACATGCTGAATTAGCCTCGATCTTTTTGATTAAGAGCACAAACTTTTTTTGTAACAT
GTAAAAAATAACTGGGATTAATTTTTAGTGTGGAAGTGCCTCTTATTTTAGGCTGTAGATAAAAAA
GCATTTTTAGGTTAGCCAGTGTGACTATGCACCTAATTTTTATGAGATTAATTCATAAGACTTAATT
TGTACAATAGTTTGTGAAATATCTTGTACTGCTTTTATTTAGCAGACTGTGGACTGTAATAAAGTATA
TAAATTGTGAAATATAAAACTTGGAACTTATTCAAAGCTTCAAAGCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001679.4</a>
<b>Summary:</b>	The protein encoded by this gene belongs to the family of Na <sup>+</sup> /K <sup>+</sup> and H <sup>+</sup> /K <sup>+</sup> ATPases beta chain proteins, and to the subfamily of Na <sup>+</sup> /K <sup>+</sup> -ATPases. Na <sup>+</sup> /K <sup>+</sup> -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 beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane. The glycoprotein subunit of Na <sup>+</sup> /K <sup>+</sup> -ATPase is encoded by multiple genes. This gene encodes a beta 3 subunit. This gene encodes a beta 3 subunit. A pseudogene exists for this gene, and it is located on chromosome 2. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	483
<b>MW:</b>	33.2