

## Product datasheet for **SC207684**

### **ATP4B (NM\_000705) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ATP4B (NM_000705) Human 3' UTR Clone
Symbol:	ATP4B
Synonyms:	ATP6B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000705
Insert Size:	600 bp
Insert Sequence:	>SC207684 3'UTR clone of NM_000705 The sequence shown below is from the reference sequence of NM_000705. 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
GTGGAGTTCAACTCAAGATTGAGAAGTGAAACGGTTTGGCAGGGGTCCTGGGCACGCCTGCGGGGTC
GCTCAAGGACACCCTCTGGTTGGGCTTACCTTGCCCGTCAGTTCCTGCCAAATCATCCCCAAAGTGG
TTTGGAGCAACGGTGTGTCAGTGTGCGAACTCCAGAGAAGCGCCACATCTGAAGGACCTGCTCGCGA
GTATCAGTTCTTCTTGTGAATTCTTACAGTTTTTAGATGGAATTTGCTGCTATAAGAATGTCCAGCT
ACCATGGGAACGCAAGGCAGCAACTCTTAATTAACCAGGTCATAAAAACGATTGCTTCTATGTAGA
CATCACTTTCTTACTATAATTTATTTTCTACACTTCAATATGAACTGCCCCCCACATTAATATAAAA
AACTACTAATGCACTGATATGAAACACGGCTTACACTAATGACATTCTGAATTCTTGCTTTTAAATTTG
CAATTCCTAAGTTGTAACATAAAATATATTAAGTTACTCTTATTGTATGTAAAAAAGAAATCGTGT
TTCCTGATATGGGAGAAATTAATAAAAACCAACGCTTCCTTAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-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).



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<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_000705.4</a>
<b>Summary:</b>	The protein encoded by this gene belongs to a family of P-type cation-transporting ATPases. The gastric H <sup>+</sup> , K <sup>+</sup> -ATPase is a heterodimer consisting of a high molecular weight catalytic alpha subunit and a smaller but heavily glycosylated beta subunit. This enzyme is a proton pump that catalyzes the hydrolysis of ATP coupled with the exchange of H(+) and K(+) ions across the plasma membrane. It is also responsible for gastric acid secretion. This gene encodes the beta subunit of the gastric H <sup>+</sup> , K <sup>+</sup> -ATPase. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	496
<b>MW:</b>	23.1