

Product datasheet for **SC212651**

ATP6J (ATP6V1G1) (NM_004888) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATP6J (ATP6V1G1) (NM_004888) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATP6V1G1
Synonyms: ATP6G; ATP6G1; ATP6GL; ATP6J; Vma10
ACCN: NM_004888
Insert Size: 1166 bp
Insert Sequence: >SC212651 3'UTR clone of NM_004888
The sequence shown below is from the reference sequence of NM_004888. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCCATGAAAACCTACCGCATAAATGGATAGAAAGAGAGAAGCACCTGTGCTGTGGAGTGGCATTTTAGAT
GCCCTCACGAATATGAAGCTTAGCACAGCTCTAGTTACATTCTTATGATATGGCATTAAATTATTTCCA
TATATTATATAATAGGTCCTTCCACTTTTTGGAGAGTAGCAAATCTAGCTTTTTTGTACAGACTTAGAA
ATTATCTAAAGATTTTCATCTTTTACCTCATATTTCTTAGGAATTTAATGGTTATATGTTGTCTTTTTT
TCCTATGTCTTTTGGCTCAAGCAACATGTATATCAGTGTGACTTTTTCTTTCTTAGATCTAGTTTAAA
AAAAAAAAAAACCACATAACAATTTTGAAGAAAGGAAGGGATTAATAATTTTTTTCCCTAACACTT
TCTTGAAGGTCAGGGGCTTTATCTATGAAAAAGTAGTAAATAGTTCTTTGTAACTGTGTGAAGCAGCA
GCCAGCCTTAAAGTAGTCCATTCTTGCTAATGGTTAGAACAGTGAATACTAGTGGAATTGTTGGGCTG
CTTTTAGTTTCTTAAATCAAAATTAAGTAGATGATAGAATTCAAGAACTGTTACATGTATTACTGGT
GTATCGATAATCATTTAAAAGTAAAGACTCTGTCATGCATTTTTCCCATCTTTTTTTTTCCCTGTC
TCCGTGACAACCAAGTGGTCTTCAATTTTTGATCATGCGAAATGCATTTTGACCCAGATGGTCTGCAGAA
CTTCACTTAGGACATTAGCACACAAATAGCACACATATACATACCCATTTATATACATAATTAGAAAA
TGTTCTGATACATGTGTGATGATTTCTTCCAACAAATGTTTTGGAAAACAGCAAGCAACTAGTCTG
TAGGTTGTCTTTTCTCTAGAGATCCTTGTCTGGGACAGCCTGGGGCAAGTTATTAAGCATATTTCTT
CCTGGTGGGCTAGATGATGTGCATTATACCTGTAGTACCTTCACTAGCCCTTACAAGTTAAATGTCC
TGTGGCCATCTTAGCCGAAAGTCTTTGGTTGCAAAATCTTATAGGTAAAAACAGTTGAAAGAACATTAT
GGGATTTCTTGTCTGTCTGATACAATAACAATAGATGACCTTAAAAACCCTCATATTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

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:	<u>NM_004888.4</u>
Summary:	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A, three B, and two G subunits, as well as a C, D, E, F, and H subunit. The V1 domain contains the ATP catalytic site. The protein encoded by this gene is one of three V1 domain G subunit proteins. Pseudogenes of this gene have been characterized. [provided by RefSeq, Jul 2008]
Locus ID:	9550
MW:	44.7