

## Product datasheet for **SC207220**

### ATP6V1E1 (NM\_001039367) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ATP6V1E1 (NM\_001039367) Human 3' UTR Clone  
**Symbol:** ATP6V1E1  
**Synonyms:** ARCL2C; ATP6E; ATP6E2; ATP6V1E; P31; Vma4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001039367  
**Insert Size:** 568 bp  
**Insert Sequence:** >SC207220 3'UTR clone of NM\_001039367  
 The sequence shown below is from the reference sequence of NM\_001039367. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCAAATGCCAACAGGAAGTTTTGGACTAAGCCTTCAGGAGGTGGAGCTCGTCGTCAGCTCTCTGTCTG
TGATGTGGAAGCTTCTGATATTTGAAGAAACACGAATGTCTCTGTAGCTTCTCTTCACTGCCCCAGTA
TTGCTCTGTATTTATCAGCGATGCCCTCTGTCACTCATGCCTTGCTAATTGTTACAATGGTGGAAA
GCTTCATGTAATATGATCAGGACCCACCTCCAGTTCTTCTGAAAAGTGTGACAGTGTCCAGCCGGTTCTG
CAGCACTAGGGGAGGGGGCAGATGGTGGTTGCATGGGCTTCTGGGTCTCCACTCTCCGTCTGGCCTAA
AGGTGATGATTTGGTGTGGCCCTGCAGTCCCCACTCTTGAGGCTTAAGGCGCATGTGGCACACCAC
TCCTTCCAGCAGTAGTCGCTTTACTGTTACCTGTTTAGGCCTAGAAGTTTTCCCTCATCTGTAAATGTG
ATTTAAATCTAAGCCATGAATATGCTTTATTTATTTAAAGAGTTATGCGGATTTAATGTGATTTCTAG
TGTAAGGCACTACAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**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_001039367.1</a>
<b>Summary:</b>	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. This gene encodes alternate transcriptional splice variants, encoding different V1 domain E subunit isoforms. Pseudogenes for this gene have been found in the genome. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	529
<b>MW:</b>	21.9