

## Product datasheet for **SC214283**

### ATP6V0E2 (NM\_145230) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ATP6V0E2 (NM_145230) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP6V0E2
Synonyms:	ATP6V0E2L; C7orf32
ACCN:	NM_145230
Insert Size:	1410 bp



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**Insert Sequence:** >SC214283 3'UTR clone of NM\_145230  
 The sequence shown below is from the reference sequence of NM\_145230. 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
ATCTGGTACGTGCGCTTCTGTGGGAGTGAACCCGCCGCCCGACCCAGGTGCCAGCTCTCGGAATGA
CTGTGGCTCCACTGTCCCTGACAACCCCTTCGTCCGGACCCTCCCCACACAACATATGTCTGGTACCA
GCTCCCTCTGTGGCACCCAGAGACCCGGACCCGAGGGCTGCCTGGTTCTGGAAGTCTTCCAGT
CTTCCAGCCAGCCGGGCCCTGGGAGCCCTGGGCACAGCAGCGGCCGAGGGGATGTCCTGCTCAAT
ACCCGCACTGCTGGAGTTTGCCTCTTTCCAAAGGAGATGCTGCTGGGAGCTGGTATGGGTGGGGT
CTTTCCCTTTACAGACGGGCAGATGCCAGGACTCAGCCATCCTGAGGAGGACACGTGCCTCATGGA
GAGGGTGTCCGCCAGCGGGGAGTCACTGCCAGTCAAGCAGCTCTGCCACCATCCTGCTGGGAAC
TGGGGGGCCTCTATTGGTTATAGGCAAGGCCTTTTCTCTGGCATGGAATTGTTAATTTTCTGACAG
TCTAGATGTGAAATTTCTGAAAATGTTGAAGCAGAGAAACATTACACACAAAAAGCAACATAGTCATG
TGGGTCCAGATGGCCTCAGTCTAGATGTTGGCACCCCTTGTGTGTCTCCTCAGAGTATCCTGTTCCG
CCTCCTGCCACCTGGACCTCCCTCAGTGGATGTCTTCCCTCCCCCGACCCAGCCTGTCAGTCCGAGCA
CAGTGCAGGTTTGGCTCTGACTTGGGCTTTTGGCTGCAGTGGGGTGGATTTAGAGCCTCATGGCA
GCATCTAAGTGACCAGAGCTGGGATGAGAGAGGGGAAGGGGCAATGTGAGTGGCGCTATGGGACGGGCC
AGCCCTGCTCCTGAGCCAGCCCCGCCCTCTGCCCTGGCCTGGGCTCTGTGCTAGGGATGGTGAAGA
ATGGGGGGCTGCCAGCCTGGCAGGAGTGGGAAGCAACACGAGGGTCCCGGACCTCTCCAGCCTTGCC
CTCAGCCTTACCCGAGCTCCCAGTGTGGTTAGCACAGAGCTCACCCACCTTGCTGGCTCCAGCTGGG
GCCTGTCTCACTGGTGTCTCCAGGGGAAGAAACGACAGCCTCACTTCTGTATGGACTGCTGATGTGGCC
TGCCATCCTGTTCAAGCGGCATTGTCTTTGGAGCAGCAGGAGAATAGGATGCCTCACTCACATGCCA
GTTCTGGCTGGCCAGCTGCTCAGGGCTCAGGCTGGGCTCCCATTTGACATCCTCCCCCTACACTCCC
TCTCTGAGCCTCCGTCGCCCTCCTGTTGGTAAGGGTGTGAGTGTGACTTGTGCTGAAAACCTGGTT
CATATATAATAAATAATGGTGATGAAAAGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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**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\\_145230.4](#)

**Summary:** Multisubunit vacuolar-type proton pumps, or H(+)-ATPases, acidify various intracellular compartments, such as vacuoles, clathrin-coated and synaptic vesicles, endosomes, lysosomes, and chromaffin granules. H(+)-ATPases are also found in plasma membranes of specialized cells, where they play roles in urinary acidification, bone resorption, and sperm maturation. Multiple subunits form H(+)-ATPases, with proteins of the V1 class hydrolyzing ATP for energy to transport H<sup>+</sup>, and proteins of the V0 class forming an integral membrane domain through which H<sup>+</sup> is transported. ATP6V0E2 encodes an isoform of the H(+)-ATPase V0 e subunit, an essential proton pump component (Blake-Palmer et al., 2007 [PubMed 17350184]).[supplied by OMIM, Mar 2008]

**Locus ID:** 155066

**MW:** 51.2