

Product datasheet for **SC216766**

ATP6V1C2 (NM_144583) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATP6V1C2 (NM_144583) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP6V1C2
Synonyms:	ATP6C2; VMA5
ACCN:	NM_144583
Insert Size:	1877 bp



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Insert Sequence: >SC216766 3'UTR clone of NM_144583
 The sequence shown below is from the reference sequence of NM_144583. 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
TTCATATTGACCTTAGTCTTCTTGACTAGAAAGGCCAGCTGGCACCTCTGTCTCATGTTCTGTCAGAT
TATTACAGACACCTCTTTCTTTAGCCAGAGAATGGTTCAAATGTCTTACAGAACTAAGATCTTTTTTCA
GAGAAATTGCTCACAAAAGTTAGTGACAGTTGATTTATTTTTTAAAGTTACAATAAAATGCTCTCAAG
TCCTTTGAATGTTCCAACAAATCAAACCTTCAATTTCTGAATGTTTTACATAAATGCGAACTACCTGT
TCGCATTGGTAACCTGCTGCTGATTTTCATGTCTTAACGGCTATTTTGAGGTTCTTAACAACATAGAA
AGCCTTGAAGTATAACCAGCTAGATTCCTTAATAATTAGTCACTAGAGACAGCCCAAAGACAAATAT
TGGGCAGGAAATCAGTTCTCACTGAGCCGGTTCCATGTAATACTCTGTTGTGGTGGGCATAGGTGG
CACCATCTAAAGAAAAGAGGTCTTGTTTTTGTTAAAAAAGTTGTGGGGAGGAAAGACATCTGTGTA
TCACTTCAAATATTGATTTACTGCTAAACATCACTCTGAATTTATGATGTGGATCTAAGTTCATACA
TTTATCGGCATTGTCCAAAATATTTTATCTTTAATGGAAAAAGCCATTAAATTTCAAATGAAGGGATC
ACATTAACAAAAACCCATACATAAGAAACAGCCTCCAAGAACATTCAAGCAGCAGTCAAGAGAAAAAT
GTTTCGACAGCCAAGTTTTCTTCAAATATTTATGTGACAGAAATACGACTCAATTCACCGGCTACAACAA
TTCATAGAATTTTTCAATGTTTTCTTGAGATGCAAAAAGTTCACTGTTGCAGTGTTCATTAATGACCAAT
CAAGTACTACTTCTTGGTTAAAAGGCCACTGGTAGAGTCACTGAGTGTAGAGAAATGCCCTTCACTGC
TGGAAAAATCCACTGGCTCCCAAGAAAAGAAAATGGTCTGAAGCCTCTGTTGTGGCTCTCACAACATCA
CTTTCCCTAAGTCATCAAGCTCCACATCACTGAGGTCAATGTCACTCCACGGGAAGCTGGGAGACGA
CAGAAAGCCACTGTTAGATCTGCAGAAGGGGACACCCTGGAAGGTCAACATCTCATTTTTATGGAAGAGC
GACTCTCTGGAGCTACTCTGCTACAATCCAGGTTCTCCTCAGTCTGACTCCTACCTGACCTTCGTAC
CTATGATTATACGGATGGAAAAGCTCAGAACTCAGGTGAAACATTTCAACATCACATCACTCACCATTT
TAACACTGGAAGCCACTTGAACGTGTCCTTTTGAGGAGGGTGGGACACAACAGTACAGAAAATAAGTGT
AATTTCAAAGCTATCATTTTCTATTTTCTAAGATAAAGTAAATGAATTCAGGTTAAATGTTCACTTT
AAGGTAATAATCAGGAAAGCAACCTTACTACTGAAATGTATCTTGGCTGTCAAGAGTATCAAATGCCAT
GCAGCACTTAACTTGTGATAAGGAAGATGAAGGGTCTTCAAGAGAAGAACCTCTTAAAAGGCCACGGG
TGCACCAGGGCTGAGGTCTGATGGGAAGGACTTACTCCAGGTGCAGAGATGCACAGGCTCAAGAGAGT
AAACCAGGACTGTGCCGCACAGCTTCCCTCCCGGGCACTCACCTCGCCATCCCTGCCGCTCCAAAGGC
TCTCTCTCAACGATGGTAGGAAAAGCCCGCCTCTACAGGTGCCGTGGAGCCACGCCAAAAGAGAGC
TCCCTTAGGGAAAAATGACCAAAACACACACACATTTACAATGGACTGCTGGTGCAGAAGAATAAAC
AACTTTAAAAATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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).

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_144583.4](#)

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. This gene encodes alternate transcriptional splice variants, encoding different V1 domain C subunit isoforms. [provided by RefSeq, Jul 2008]

Locus ID:

245973

MW:

71.7