

Product datasheet for **SC206825**

ATP6V0C (NM_001694) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATP6V0C (NM_001694) Human 3' UTR Clone
Symbol: ATP6V0C
Synonyms: ATP6C; ATP6L; ATPL; VATL; Vma3; VPPC
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001694
Insert Size: 503 bp
Insert Sequence: >SC206825 3'UTR clone of NM_001694
 The sequence shown below is from the reference sequence of NM_001694. 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
ATCGTCGCCCTCATCCTCTCCACAAAGTAGACCCCTCTCGAGCCCACCAGCCACAGAATATTATGTA
GACCACCCTCTCATTCCAGAACGAACAGCCTGACACATACGCACGGGGCCGCCGCCCCAGTAGTTG
GTCTTGACATGCGCAGTGTCTAGTGCCCATCGTCTGTTTCCCGGCCCTTGCCCCGCCCGCCCGCGT
CCGTGGACATCTGGGCCACTCATCGCCCTCCAGGCCCGGCCCCACCCCTAGAGTGCTCTGTG
TATGCGGATGATTAGAATTGTCATTTCTTTACTGGATGTTTATTTATAAAGATCTGGCCTGTTCT
CGTCTGCGGAGCGGCCCTTGCTCCCAGCTATCTATAACCTTAGCTAGAGTGTCGCTTGTGGTTCC
TGTTGCTGAGACTTCTGGATGGAGCCGCCCTCACCGCCGGGCCCGTGGCCCTGCGCGGAGCTGTGTCC
AATAAAGTTCTTGGATGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_001694.4
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 and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c", and d. This gene encodes the V0 subunit c. Alternative splicing results in transcript variants. Pseudogenes have been identified on chromosomes 6 and 17. [provided by RefSeq, Nov 2010]
Locus ID:	527
MW:	18.2