

## Product datasheet for **SC203916**

### ATP6V0B (NM\_001039457) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ATP6V0B (NM_001039457) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP6V0B
Synonyms:	ATP6F; HATPL; VMA16
ACCN:	NM_001039457
Insert Size:	318 bp
Insert Sequence:	>SC203916 3'UTR clone of NM_001039457 The sequence shown below is from the reference sequence of NM_001039457. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA <b>ACGATCGCC</b> CAGACCTCCAGAGTGAAGATGGGTGACT <b>AG</b> ATGATATGTGTGGTGGGGCCGTGCCTCACTTTTATTTA TTGCTGGTTTTCTGGGACAGCTGGAGCTGTGCCCTTAGCCTTCAGAGGCTTGGTGTTCAGGGCCCT CCCTGCACTCCCCTCTTGCTGCGTGTGATTTGGAGGCACTGCAGTCCAGGCCGAGTCTCAGTGCAGG GAGCAGGCTGCTGCTGCTGACTCTGTGCAGCTGCGCACCTGTGTCCCCACCTCCACCCTCAACCCATC TTCCTAGTGTGGTAAATAAACTTGGTATTTGTCTGGGTCA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u><a href="#">NM_001039457.3</a></u>



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**Summary:** This gene encodes a portion of the V0 domain of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. Activity of this enzyme is necessary for such varied processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

**Locus ID:** 533

**MW:** 11.6