

Product datasheet for **SC209582**

ATP6V1D (NM_015994) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATP6V1D (NM_015994) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATP6V1D
Synonyms: ATP6M; VATD; VMA8
ACCN: NM_015994
Insert Size: 779 bp
Insert Sequence: >SC209582 3'UTR clone of NM_015994
The sequence shown below is from the reference sequence of NM_015994. 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
GAGAAGGACGAGGATCTTCTATTTGAAATCTTTCTGTCTGTTCTTTGAGAAACCCTAACACTGG
CTTCATTTTAATTCACAGTGTAGGTTTGTGGCTATTTATTTTTGGCCTAAGAATTCAC
TGGTTGTAATAATTTACCTAGATGTCTATTTATGGGACTTTTGCAGAATCATAATTTAGCAACCATT
TATCATGGATGAAAGAGATCTGTAAAACCTGCCAGGAACCTACAGAATTTACTTTGCAGAACGTTAT
CATACTCCATTTACATCTGTGTTACACGTGATCTGCTTACCAAGCATATTAGGAAATACCTCTTAGGAA
GCATTAGCGGTCTCAGGCCAATTACTGTGGAGCAGCTTTCATTCTACCCACTTGCAAACCTTGGCGCT
GTTGTCTGAGATTGCTGCAGCCATTCTTGTACCATGGTACTTCTCAAACCTTTGTAAAACCTGCACTT
TTCCTTGCATGACAGGTTCTGTCTTGTCTGTCATGGGAGCCATTCTGCCAATTTAAATGCGACTGTGG
TATAAACAGTAAAATGATTTAAAAGTAAGTCATTCCGTTTTTATTAATTTACTGTTAAGTCATGTTCTC
ATGCTCAGATCAGTAGTGTGAGCCAGAGCTTTCTGTCAGACATGTAGGAAGTGGGTAGCTATTTTTCC
CACTCCATGTATTAGAGTTTTACAAAAGGCTTACTTTTGAGACAACCTGTTGCATTTGGGGTACTAAT
AAATGATTGCCGATGAGTTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:

Sgfl-Mlul

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_015994.4
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. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This gene encodes the V1 domain D subunit protein. [provided by RefSeq, Jul 2008]
Locus ID:	51382
MW:	29.6