

Product datasheet for **SC203417**

ATP6V1F (NM_004231) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATP6V1F (NM_004231) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP6V1F
Synonyms:	ATP6S14; VATF; Vma7
ACCN:	NM_004231
Insert Size:	299 bp
Insert Sequence:	>SC203417 3'UTR clone of NM_004231 The sequence shown below is from the reference sequence of NM_004231. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGCATGTTCACTGCCGAAGACCTGCGCTAGGGGACTCCTCATAGCCCTCAGCCCTTCCCTCGTTTCCAG GCCTCTCCCAGGCTTGCCATCAGCCTTCTTTACTTTTTGAGCCTCTGATTTCGAATCCCTGCTCCTT CCCACTCATTAAAGAGGCTAGGTGAGGCGTCTAGGTTGCTGGGCTCTGCTGGTTAAGGAACAGGAA GCCTGACCATCTCCCTCCACTACCTCTTCCCTGTGCTGTTACACAGTGTCATTGTTGATGTTAAATTA AGTCATATTCTTGCTTCTCTCCA ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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>NM_004231.4</u>



[View online »](#)

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 encoded protein is the V1 domain F subunit protein. [provided by RefSeq, Jul 2008]

Locus ID: 9296

MW: 10.8