

## Product datasheet for **SC205684**

### ATP6V1H (NM\_213619) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ATP6V1H (NM_213619) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP6V1H
Synonyms:	CGI-11; MSTP042; NBP1; SFD; SFDalpha; SFDbeta; VMA13
ACCN:	NM_213619
Insert Size:	451 bp
Insert Sequence:	>SC205684 3'UTR clone of NM_213619 The sequence shown below is from the reference sequence of NM_213619. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CAGCCCCAGACCCTGCCGCCGAAGCTAAGCCTGCCTCTGGCCTCCCTCCGCTCAATGCAGAACC  
AGTAGTGGGAGCACTGTGTTAGAGTTAAGAGTGAACACTGTTTACTTGAATTCCTCTGTT  
ATATAGCTTTTCCAATGCTAATTTCCAACAACAACAACAAATAACATGTTTGCCTGTTAAGTTGTA  
TAAAAGTAGGTGATTCTGTATTTAAAGAAAATATTACTGTTACATATACTGCTTGAATTTCTGTATTT  
ATTGTTCTCTGGAAATAATATAGTTATTAAGGATTCTCACTCCAACATGGCCTCTCTTTACTTG  
GACTTTGAACAAAAGTCAACTGTTGTCTCTTTCAAACAAATTGGGAGAATTGTTGCAAAGTAGTAA  
TGGCAAATAAATGTTTTAAATCTATCGCTCTATCAA  
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

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:	<a href="#">NM_213619.3</a>



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**Summary:**

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular organelles. V-ATPase-dependent organelle acidification is necessary for multiple processes including protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. The encoded protein is the regulatory H subunit of the V1 domain of V-ATPase, which is required for catalysis of ATP but not the assembly of V-ATPase. Decreased expression of this gene may play a role in the development of type 2 diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

**Locus ID:**

51606

**MW:**

16.9