

Product datasheet for **RG201396**

ATP6V0B (NM_001039457) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ATP6V0B (NM_001039457) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ATP6V0B
Synonyms: ATP6F; HATPL; VMA16
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG201396 representing NM_001039457
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGGGCTAGCACTGCTCTACTCCGGGTCTTCGTGGCCTTCTGGCCTGCGCCTGGCCGTGGGAG
TCTGCTACACCATTTTTGATTTGGGCTTCGCTTTGATGTGGCATGGTTCCTGACGGAGACTTCGCCCTT
CATGTGGTCCAACCTGGGCATTGGCCTAGCTATCTCCCTGTCTGTGGTTGGGCAGCCTGGGCATCTAT
ATTACCGCTCCTCCATCATTGGTGGAGGAGTGAAGGCCCCAGGATCAAGACCAAGAACCTGGTCAGCA
TCATCTTCTGTGAGGCTGTGGCCATCTACGGCATCATCATGGCAATTGTCATTAGCAACATGGCTGAGCC
TTTCAGTGCCACAGACCCCAAGGCCATCGGCCATCGGAACTACCATGCAGGCTACTCCATGTTTGGGGCT
GGCCTCACCGTAGGCCTGTAACTCTTCTGTGGAGTCTGCGTGGGCATCGTGGGCAGTGGGGCTGCC
TGGCCGATGCTCAGAACCCAGCCTCTTTGAAAGATTCTCATCGTGGAGATCTTTGGCAGCGCCATTGG
CCTCTTTGGGTATCGTCGCAATTCTTTCAGACCTCCAGAGTGAAGATGGGTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG201396 representing NM_001039457
Red=Cloning site Green=Tags(s)

MTGLALLYSGVFVAFWACALAVGVCYITFDLGRFRDVAWFLTETSPFMWSNLGIGLAISLSVVGAAWGIY
ITGSSIIIGGVKAPRIKTKNLVSIIFCEAVAIYGIIMAIIVISNMAEPFSATDPKAIHGRNYHAGYSMFGA
GLTVGLSNLFCGVVGVIGSAAALADAQNPSLFLVKILIVEIFGSAIGLFGVIVAILQTSRVKMGD

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1645_e11.zip



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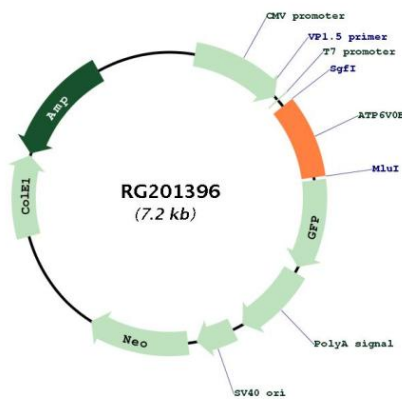
Cytogenetics: 1p34.1

Protein Families: Transmembrane

Protein Pathways: Epithelial cell signaling in Helicobacter pylori infection, Lysosome, Metabolic pathways, Oxidative phosphorylation, Vibrio cholerae infection

Gene 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]

Product images:



Circular map for RG201396