

Product datasheet for MG201148

Atp6v0c (NM 009729) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Atp6v0c (NM_009729) Mouse Tagged ORF Clone

Tag: TurboGFP Symbol: Atp6v0c

Synonyms: Atp6c; Atp6c2; Atp6l; Atpl; Atpl-rs1; PL16; VATL; Vma3

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG201148 representing NM_009729

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CTTGGCCTCTACGGTCTCATCGTGGCCCTAATCCTCTCCACAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201148 representing NM_009729

Red=Cloning site Green=Tags(s)

MADIKNNPEYSSFFGVMGASSAMVFSAMGAAYGTAKSGTGIAAMSVMRPELIMKSIIPVVMAGIIAIYGL VVAVLIANSLTDGITLYRSFLQLGAGLSVGLSGLAAGFAIGIVGDAGVRGTAQQPRLFVGMILILIFAEV

LGLYGLIVALILSTK

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



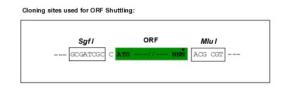
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

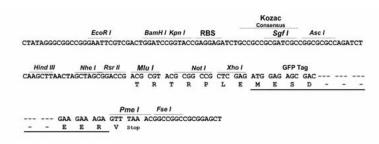
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

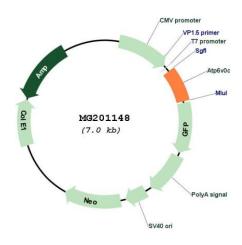


Cloning Scheme:





Plasmid Map:



ACCN: NM_009729

ORF Size: 465 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.



Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 009729.4</u>

 RefSeq Size:
 1151 bp

 RefSeq ORF:
 468 bp

 Locus ID:
 11984

 UniProt ID:
 P63082

 Cytogenetics:
 17 A3.3

Gene Summary: Proton-conducting pore forming subunit of the membrane integral V0 complex of vacuolar

ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in

eukaryotic cells.[UniProtKB/Swiss-Prot Function]