

## 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; AtpI; AtpI-rs1; PL16; VATL; Vma3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG201148 representing NM\_009729  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGACATCAAGAACAACCCGAATATTCTTCGTTTTTCGGTGTCATGGGCGCCTCGTCCGCCATGG  
TCTTCAGCGCCATGGGAGCCGCATGGCACAGCCAAGAGTGGCACTGGCATCGCAGCCATGTCAGTCAT  
GAGGCCAGAGCTGATCATGAAGTCCATCATCCCAGTGGTTATGGCTGGGATCATCGCCATCTACGGCCTG  
GTGGTGGCAGTACTTATCGTAACTCCCTGACTGATGGCATCACCTCTACAGGAGTTTTCTTCAACTGG  
GTGCTGGCCTGAGTGTGGGGCTGAGTGGCCTGGCTGCTGGCTTTGCCATTGGCATCGTCGGAGATGCTGG  
TGTTCCGGGCACTGCCAGCAGCCTCGACTGTTCTGGGGCATGATCCTGATCCTCATCTTTCGGGAGGTG  
CTTGGCCTCTACGGTCTCATCGTGGCCCTAATCCTCTCCACAAAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG201148 representing NM\_009729  
Red=Cloning site Green=Tags(s)

MADIKNNPEYSSFFGVMGASSAMVFSAMGAAYGTAKSGTGIAAMSVMRPELIMKSIIPVVMAGIIAIYGL  
VVAVLIANSLTDGITLYRSFLQLGAGLSVGLSGLAAGFAIGIVGDAGVRGTAQQPRLFVGMILILIFAEV  
LGLYGLIVALILSTK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_009729.4</u>
<b>RefSeq Size:</b>	1151 bp
<b>RefSeq ORF:</b>	468 bp
<b>Locus ID:</b>	11984
<b>UniProt ID:</b>	<u>P63082</u>
<b>Cytogenetics:</b>	17 A3.3
<b>Gene Summary:</b>	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]