

## Product datasheet for **MG201140**

### Ap1s3 (BC098237) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ap1s3 (BC098237) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Ap1s3  
**Synonyms:** [s]3A, Jr2, 1190009B22  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG201140 representing BC098237  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATACATTTTCATCTTGCTCTTCAGTCGACAAGGGAAGCTGCGGCTGCAGAAATGGTACACCACACTCC  
CTGACAAGGAGAGGAAGAAGATCACCCGCGACATCCAGACCGTCCTCTCTCGTGGGCACAGGACCAG  
CAGCTTCATTGACTGGAAGGAGCTGAAACTTGTTATAAAAGGTATGCTAGTTTATATTTTTGCTGTGCA  
ATAGAAAATCAAGACAATGAGCTCTTGACTAGAGATTGTCATCGTTATGTGGAGTTGCTGGATAAAT  
ACTTTGAAAATGTCTGTGAGCTGGATATTATCTTTAATTTTAAAAGGCATATTTTATCCTTGATGAGTT  
TATAATAGGTGGAGAAATTCAGGAAACATCCAAGAAAACAGCAGTCAAGGCCATTGAAGACTCTGATATG  
TTACAAGAGACAATGGAAGAATACATGAACAAGCCACGTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG201140 representing BC098237  
Red=Cloning site Green=Tags(s)

MIHFILLFSRQGLRLQKWTTLDPKERRKIKTRDIIQTVLSRGHRTSSFIDWKEKLVYKRYASLYFCCA  
IENQDNELLTLEIVHRYVELLDKYFGNVCELDIIFNFEKAYFILDEFIIGGEIQETSKKTAVKAIEDSDM  
LQETMEEYMNKPTF

**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>	<a href="#">BC098237.1</a>
<b>RefSeq Size:</b>	1298 bp
<b>RefSeq ORF:</b>	464 bp
<b>Locus ID:</b>	252903
<b>Cytogenetics:</b>	1 C4
<b>Gene Summary:</b>	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules (By similarity). Involved in TLR3 trafficking (By similarity).[UniProtKB/Swiss-Prot Function]