

## Product datasheet for **MG215887**

### Ap1s3 (NM\_183027) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ap1s3 (NM\_183027) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Ap1s3  
**Synonyms:** 1190009B22; Jr2; [s]3A  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG215887 representing NM\_183027  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATACATTTTCATCTTGCTCTTCAGTCGACAAGGGAAGCTGCGGCTGCAGAAATGGTACACCACACTCC  
CTGACAAGGAGAGGAAGAAGATCACCCGCGACATCCAGACCGTCCTCTCTCGTGGGCACAGGACCAG  
CAGCTTCATTGACTGGAAGGAGCTGAACTTGTTATAAAAGGTATGCTAGTTTATATTTTTGCTGTGCA  
ATAGAAAATCAAGACAATGAGCTCTTGACTAGAGATTGTCATCGTTATGTGGAGTTGCTGGATAAAT  
ACTTTGAAAATGTCTGTGAGCTGGATATTATCTTTAATTTTAAAAGGCATATTTTATCCTTGATGAGTT  
TATAATAGGTGGAGAAATTCAGGAAACATCCAAGAAAACAGCAGTCAAGGCCATTGAAGACTCTGATATG  
TTACAAGAGACAATGGAAGAATACATGAACAAGCCACGTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG215887 representing NM\_183027  
Red=Cloning site Green=Tags(s)

MIHFILLFSRQGLRLQKWTTLDPKERRKITRDIIQTVLSRGHRTSSFIDWKEKLVYKRYASLYFCCA  
IENQDNELLTLEIVHRYVELLDKYFGNVCELDIIFNFEKAYFILDEFIIGGEIQETS KKTAVKAIEDSDM  
LQETMEEYMNKPTF

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI

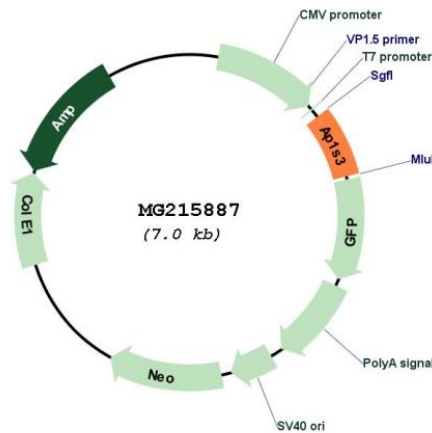


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_183027

ORF Size: 462 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.

<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_183027.2, NP_898848.1</u>
<b>RefSeq Size:</b>	2892 bp
<b>RefSeq ORF:</b>	465 bp
<b>Locus ID:</b>	252903
<b>UniProt ID:</b>	<u>Q7TN05</u>
<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]