

## Product datasheet for MR201140

### Ap1s3 (BC098237) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Ap1s3 (BC098237) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Ap1s3  
 Synonyms: [s]3A, Jr2, 1190009B22  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR201140 representing BC098237  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGATACATTTTCATCTTGCTCTTCAGTCGACAAGGGAAGCTGCGGCTGCAGAAATGGTACACCACACTCC  
 CTGACAAGGAGAGGAAGAAGATCACCCGCGACATCCAGACCGTCCTCTCTCGTGGGCACAGGACCAG  
 CAGCTTCATTGACTGGAAGGAGCTGAACTTGTTATAAAAGGTATGCTAGTTTATATTTTTGCTGTGCA  
 ATAGAAAATCAAGACAATGAGCTCTTGACACTAGAGATTGTTTCATCGTTATGTGGAGTTGCTGGATAAAT  
 ACTTTGGAAATGTCTGTGAGCTGGATATTATCTTTAATTTTAAAAGGCATATTTTATCCTTGATGAGTT  
 TATAATAGGTGGAGAAATTCAGGAAACATCCAAGAAAACAGCAGTCAAGGCCATTGAAGACTCTGATATG  
 TTACAAGAGACAATGGAAGAATACATGAACAAGCCACGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201140 representing BC098237  
 Red=Cloning site Green=Tags(s)

MIHFILLFSRQGLRLQKWTLLPDKERKKITRDIIQTVLSRGHRTSSFIDWKLKLVYKRYASLYFCCA  
 IENQDNELLTLEIVHRYVELLDKYFGNVCELDIIFNFEKAYFILDEFIIGGEIQETSKKTAVKAIEDSDM  
 LQETMEEYMNKPTF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** BC098237

**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.

**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:** [BC098237.1](#)

**RefSeq Size:** 1298 bp

**RefSeq ORF:** 464 bp

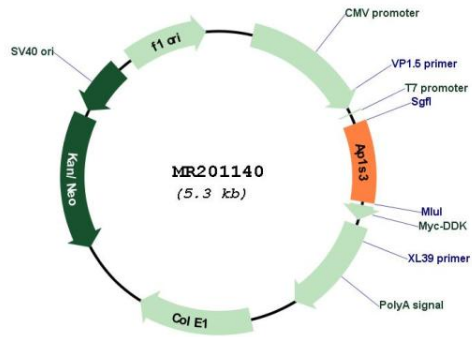
**Locus ID:** 252903

**Cytogenetics:** 1 C4

MW: 18.4 kDa

Gene Summary: 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]

### Product images:



Circular map for MR201140