

Product datasheet for **MG201243**

Ap1s2 (NM_026887) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ap1s2 (NM_026887) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ap1s2
Synonyms: 1500012A13Rik; AI853648; EST1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201243 representing NM_026887
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGTTTATGTTGCTTTTTAGTCGCCAGGAAAGCTTCGACTGCAGAAATGGTATGTCCCACTGTCAG
 ACAAGAAAAGAAGAAGATCACAAAGAGAACTTGTCAAACCGTTTTAGCACGAAACCAAGATGTGCAG
 CTTCTTGAGTGGAGAGATCTGAAGATTGTTTATAAAAGATATGCCAGTCTATTTTTGCTGTGCTATT
 GAGGATCAGGACAATGAAGTATTACCCTGGAAATAATCCATCGTTACGTGGAATTACTTGACAAGTATT
 TTGGCAGTGTATGTGAAGTATCATCTTTAATTTTGAAGGCCTATTTATTTGGATGAATTTCT
 CTTGGGAGGAGAAGTTCAGGAAACATCCAAGAAAATGTCTTAAAGCAATTGAGCAGGCCGATCTCCTG
 CAGGAGAAAACAGAGACTATGTATCACGCAAGAGTTTCATTGGGTATAAGAAAGCGTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201243 representing NM_026887
 Red=Cloning site Green=Tags(s)

MQFMLLFSRQGLRLQKWVPLSDQEKKKITRELVQTVLARKPKMCSFLEWRDLKIVYKRYASLYFCCAI
 EDQDNELITLIIHRYVELLDKYFYSVCELDIIIFNEKAYFILDEFLLGGEVQETSCKNVLKAIQADLL
 QEKETMYHKSFIGYKKAY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<ol style="list-style-type: none">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_026887.3, NP_081163.2</u>
RefSeq Size:	3204 bp
RefSeq ORF:	483 bp
Locus ID:	108012
UniProt ID:	<u>Q9DB50</u>
Cytogenetics:	X F5
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).[UniProtKB/Swiss-Prot Function]