

Product datasheet for MG201140

Ap1s3 (BC098237) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

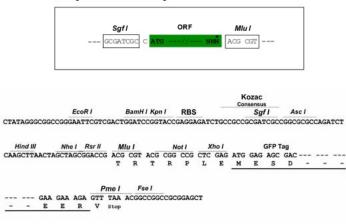
Product Type:	Expression Plasmids
Product Name:	Ap1s3 (BC098237) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ap1s3
Synonyms:	[s]3A, Jr2, 1190009B22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>MG201140 representing BC098237 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGATACATTTCATCTTGCTCTTCAGTCGACAAGGGAAGCTGCGGCTGCAGAAATGGTACACCACACTCC CTGACAAGGAGAGGAAGAAGATCACCCGCGACATCATCCAGACCGTCCTCTCTCGTGGGCACAGGACCAG CAGCTTCATTGACTGGAAGGAGCTGAAACTTGTTTATAAAAGGTATGCTAGTTTATATTTTTGCTGTGCA ATAGAAAATCAAGACAATGAGCTCTTGACACTAGAGATTGTTCATCGTTATGTGGAGTTGCTGGATAAAT ACTTTGGAAATGTCTGTGAGCTGGATATTATCTTTAATTTTGAAAAGGCATATTTTATCCTTGATGAGTT TATAATAGGTGGAGAAATTCAGGAAACATCCAAGAAAACAGCAGTCAAGGCCATTGAAGACTCTGATATG TTACAAGAGACAATGGAAAATACATGAACAAGCCCACGTTT
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	<pre>>MG201140 representing BC098237 Red=Cloning site Green=Tags(s)</pre>
	MIHFILLFSRQGKLRLQKWYTTLPDKERKKITRDIIQTVLSRGHRTSSFIDWKELKLVYKRYASLYFCCA IENQDNELLTLEIVHRYVELLDKYFGNVCELDIIFNFEKAYFILDEFIIGGEIQETSKKTAVKAIEDSDM LQETMEEYMNKPTF
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul



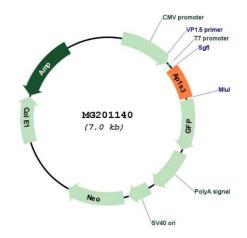
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Cloning Scheme:





Plasmid Map:



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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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ORIGENE Ap1s3 (BC098237) Mouse Tagged ORF Clone – MG201140	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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>BC098237.1</u>
RefSeq Size:	1298 bp
RefSeq ORF:	464 bp
Locus ID:	252903
Cytogenetics:	1 C4
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]

~ \$1/-

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