

Product datasheet for **MG202604**

Apcs (NM_011318) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Apcs (NM_011318) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Apcs
 Synonyms: Sap
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG202604 representing NM_011318
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACAAGCTACTGCTTTGGATGTTTGTCTTCACCAGCCTTCTTTCAGAAGCCTTTTGTGACAGACAGACC
 TCAAGAGGAAAGTATTTGTGTTCCCCAGAGAATCTGAACTGATCATGTGAAGCTGATCCCACATCTAGA
 GAAACCTCTGCAGAATTTACACTGTGTTCCGAACCTACAGTGACCTTCCCGCTCTCAGAGTCTTTTC
 TCCTACAGTGCAAGGGCAGAGACAATGAGCTACTAATTTATAAAGAAAAAGTTGGAGAATACAGCCTAT
 ACATCGGACAATCAAAAGTCACAGTCCGTGGTATGGAAGAATACCTTTTCCAGTACACCTATGTACCAC
 TTGGGAGTCCCTCTGGCATTGTTGAATTTGGGTCAATGGAAAGCCTTGGGTAAAAAAGTCTCTGCAG
 AGGGAATACACTGTGAAAGCCCCACCCAGTATAGTCTGGGACAGGAGCAGGATAACTACGGAGGAGGGT
 TTCAAAGGTCACAGTCTTTGTAGGAGAGTTTTAGATTATACATGTGGGACTATGTGCTGACCCACACA
 AGACATTCTATTTGTGTACAGAGATCCCTGTCAATCCTAATATTTGAATTGGCAGGCTCTTAACTAT
 GAAATAAATGGCTACGTAGTCATCAGGCCCGTGTCTGGGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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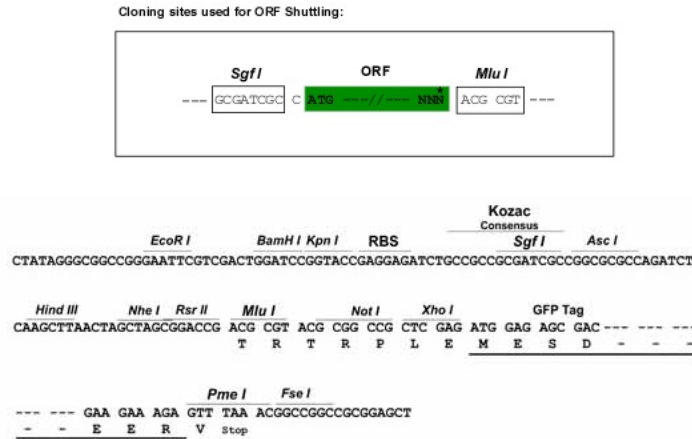
Protein Sequence: >MG202604 representing NM_011318
Red=Cloning site Green=Tags(s)

MDKLLWMFVFTSLLSEAFQCQDLKRKVFVFPRESETHVKLIIPHLEKPLQNFTLCFRYSDLRSQSLF
 SYSVKGRDNELL IYKEKVGESLYIGQSKVTVRGMEEYLSPVHLCTTWESSGIVFVWNGKPVVKKSLQ
 REYTVKAPPSIVLGEQDNYGGGFQRSQSFVGEFSDLYMWDYVLTPQDILFVYRQSPVNPINLNWQALNY
 EINGYVVIRPVWD

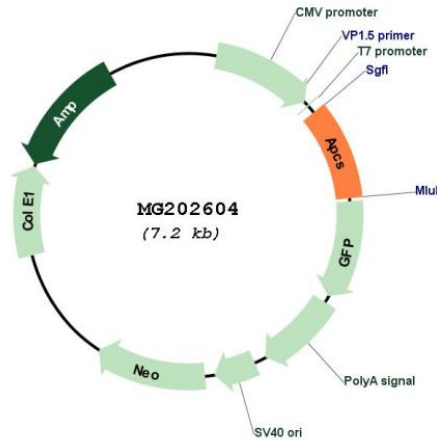
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_011318

ORF Size: 672 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:	<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:	NM_011318.2 , NP_035448.2
RefSeq Size:	1012 bp
RefSeq ORF:	675 bp
Locus ID:	20219
UniProt ID:	P12246
Cytogenetics:	1 80.33 cM