

Product datasheet for MR202604

Apcs (NM_011318) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Apcs (NM_011318) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Apcs
 Synonyms: Sap
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR202604 representing NM_011318
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGACAAGCTACTGCTTTGGATGTTTGTCTTCACCAGCCTTCTTTCAGAAGCCTTTTGTGACAGACAGACC
 TCAAGAGGAAAGTATTTGTGTTCCCCAGAGAATCTGAAACTGATCATGTGAAGCTGATCCCACATCTAGA
 GAAACCTCTGCAGAATTTACACTGTGTTCCGAACCTACAGTGACCTTCCCGCTCTCAGAGTCTTTTC
 TCCTACAGTGCAAGGGCAGAGACAATGAGCTACTAATTTATAAAGAAAAAGTTGGAGAATACAGCCTAT
 ACATCGGACAATCAAAGTCACAGTCCGTGGTATGGAAGAATACCTTTTCCAGTACACCTATGTACCAC
 TTGGGAGTCCCTCTGGCATTGTTGAATTTGGGTCAATGGAAAGCCTTGGGTAAAAAAGTCTCTGCAG
 AGGGAATACACTGTGAAAGCCCCACCCAGTATAGTCTGGGACAGGAGCAGGATAACTACGGAGGAGGGT
 TTCAAAGGTCACAGTCTTTGTAGGAGAGTTTTAGATTATACATGTGGGACTATGTGCTGACCCACACA
 AGACATTCTATTTGTGTACAGAGATCCCTGTCAATCCTAATATTTGAATTGGCAGGCTCTTAACAT
 GAAATAAATGGCTACGTAGTCATCAGGCCCGTGTCTGGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202604 representing NM_011318
Red=Cloning site Green=Tags(s)

MDKLLWMFVFTSLLSEAFQTDLKRKVFVFPRESETHVKLIPHLEKPLQNFTLCFRYSDLRSQSLF
 SYSVKGRDNELLYKEKVGESLYIGQSKVTVRGMEEYLSPVHLCTTWESSGIVFVWNGKPWVKKSLQ
 REYTVKAPPSIVLGQEQDNYGGGFQRSQSFVGEFSDLYMWYVLPQDILFVYRSPVNPINLNWQALNY
 EINGYVVIRPVWD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9005_d05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



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:

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

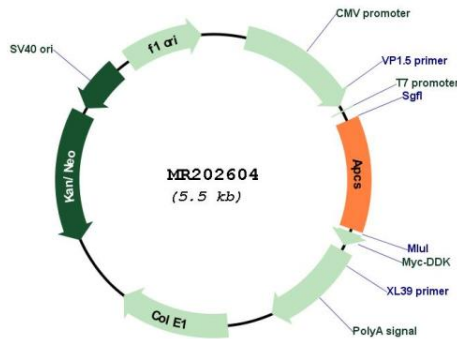
Locus ID: 20219

UniProt ID: [P12246](#)

Cytogenetics: 1 80.33 cM

MW: 26.7 kDa

Product images:



Circular map for MR202604