

Product datasheet for MC212928

Adap1 (NM_172723) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adap1 (NM_172723) Mouse Untagged Clone
Tag: Tag Free
Symbol: Adap1
Synonyms: 4930431P11Rik; Centa1; GC1L; p42IP4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212928 representing NM_172723
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGGGAGCGCGCCGGCGCTGCTGGAGCTACTGACGCGGCCGGGAACACGCGCTGCGCTGACT
 GCGGAGCCCCGGATCCTGACTGGCGCTCTACACCCTGGGTGTGTTTCATCTGTTTGGAGCTGCTCTGGGAT
 CCACCGGAACATCCCCAGGTCAAGGTCAGTCCGTCTGGATGCCTGGGATGAGGCCAAGTT
 GAGTTCATGGCATCTCATGGGAACGAGGCTGCCAGAGCCACATTTGAGTCCAAGTACCGCCTTCTACT
 ACCGGCCACGTTCTCCGACTGCCAACTCTACGTGAGCAGTGGATCCGTGCCAAGTATGAGAGGCAAGA
 ATTCGTTTCATGTGGAGAAGCAGGAACCATACTCTACAGGCTACCGTGAGGGCCTTCTCTGGAAGCGTGGG
 CGGGACAACGGACAGTTCTTAAGCCGGAAGTTTGTGCTGACAGAACGAGAGGGTGCCTGAAATACTTCA
 ACAAAAACGATGCCAAGGAGCCTAAGGCCGTCAATGAAGATTGAGCACCTGAATGCGACCTTCCAGCCAGC
 CAAGATGGGCCACCCACGGCTGCAGGTCACCTACTTGAAGGACAACAGCACCCGCAACATCTTTATC
 TACCATGAAGACGGCAAGGAGATCGTGGACTGGTCAATGCACTGCGAGCAGCCGATCCACTACCTGC
 AGGTGGCTTTCCAGGAGCCAGTGCAGATCTGGTCCCAAGCTCTTAGGAACCTGAAGGAAGG
 CTACATGGAGAAGACAGGGCCCAAGCAGACAGAAGGCTTCCGGAAGCGTTGGTTCCACCATGGATGACCGA
 AGGCTCATGTACTTCAAAGACCCCTGGACGCTTTGCCGAGGGGAAGTCTTATGGCAGCAAGGAAA
 CGGTTACACGGTCTGGAGGGCCTCCCACTGTCCACCCAGGGTCACTGACCCTCATGGCATAACCAT
 TGTCAACCCTGACCGCAAATTCCTGTTACGTGTGAGACGGAGTCAAGCAGAGGGAGTGGATTGCGGCC
 TTCCAGAAGTGGTGGACAGGCCATGCTGCCTCAGGAGTACGCACTGGAAGCCCACTTCAAGCATAAAC
 CCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms: https://cdn.origene.com/chromatograms/ja2012_d02.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_172723

Insert Size: 1125 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_172723.4](#), [NP_766311.2](#)

RefSeq Size: 2418 bp

RefSeq ORF: 1125 bp

Locus ID: 231821

Cytogenetics: 5 G2