

Product datasheet for **MC224659**

Arap3 (NM_139206) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arap3 (NM_139206) Mouse Untagged Clone
Tag: Tag Free
Symbol: Arap3
Synonyms: Centd; Centd3; cnt-d3; DRA; Drag1; E030006K04Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224659 representing NM_139206
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCCCTCAGGACCTGGACATCGCTGTGTGGTTGGCCCTGGTGCATCTGGAGCAGTATGCGGACA
CTTTCCGACGGCATGGCCTAGCTACAGCTGGTGGCCCAACACCTGGGCCACGAGGAGCTGAGGCACTT
GGGCATCAGTGCTACAGGACACCGAAACGCATCTTGCCTGTTCGGGGCAGGCTCTGCTGAGGGTTTC
CTGGATTCTCATCTGGATAATACCATGGAGCAACTCCCAGCCCAGCCCTGATGCCAACCSCCAAGC
CTGTGCCTAAGCCAGGACGGTGTGGGCTCAGCAACCCTGCCACTGCCAGAGGCTGGACTGAGCCC
AATCTTCTGGGATCCAGAAGTATCCAGGAACCTCAGAGTGTACGCAAAGATCCTCTCCTCTCCTTCTCC
TCCTCTGAACAGCCTTCACTCCGAATACCATGGAGATGATGCCTAATGCCATCTACTTTGGCCTGGACT
TAAGAGGTCGGGCCAGGACAGCTCAGGACGTGACTCCAGATAGTTCTCAGGCGACTGTCCAACCCTGC
CTTCAGGCCACAAACAGGCACAGTGCACATCATGGATCCTGGTTGCCTGTACTACGGTGTCCAGCCTGTG
GGGATCCCAGGAGCCTCTGACAGGAGAGACGGCAGGGGTGTCTGTCAGGAAAGGGCAGAACACAGACAGG
ATCTGGAGACACGGGAGGATGCTGGTTATGCCAGCCTCGAGCTACCTGGAGACTCCATTCTTCGCTACC
CAGGAGGATGCAGAGACAGTATGACCTCATTTCGCCCTATGCCAGTTCTCCTCCACAGCAGATCGT
CCCGTGCCTCTGCTCAGTGGCTGGCTGGACAAGCTCTCACCTCAGGAAAATATGTGTTCCAGAGACGTT
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AGGAACAGCGCCTCCTGGGCCACCCCGGCCCTCACCCACCACGACCCCTCCGCACGGGCACGTTAGA
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CAGGCCTTCTCACTGGGCATCGGATCTGCTTCATTGAACTGCAAGGCTGCAGTGTCCGGGAGACCAAGA
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GAGCTGGGCAGCCGCTCTGCAAGAAGCAGTAACCGAGACACTGTCTGACTACGAGGTGGCTGAGAAGGTC
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TGGGGTTCGTCATCTGCAAGCAGTGTGCAGGTCAGCACAGGGCCCTGGGCTCTGGGATCTCCAAGGTGCA
 GAGCCTGAAGCTGGACACGAGTGTCTGGAGTAATGAGATAGTGCAGCTGTTTCATTGCTCTGGGAAATGAT
 CGTGCCAAATTGCTTCTGGGCAGGGGCACTTCCCCAGGTGAAGGGCTGCATCCAGATTACAGCCCCTGGCC
 CTCGAGGAGAGTTCATCTCCCGAAAGTATAAGCTGGGTCTCTCCGGAAGCCCCACCCTCGGCATCCAGA
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 CTTCTCTGTGTGCGAAACCTCTGAGGGAGAGGAACCCCTTGTCCCCTTCAGCCCTCAATGGCAGCTTGCTTA
 GCCTTCTACCTTCAGACTCCCCGGAGTATAACAATGAGGTGGTAGTGCCTGCCACTTACAGAGGTTTCCCT
 GTACTGTGGCTCCATCAGCAACAAGGCTGGAGCCCCACCCTTCGAGGGGCCGGGATGCTCCTCCCCGC
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 GTCGGGCTTCGGCTCCTTCGTGGTATCATCTTCTGTGCCAGGCTGGCCCTGGTCCCCCTGCT
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 AGCCGGGGAGACATCCCTATCATTGTGGAGCCTTGATCAGTTTTGTACGCAGCATGGGCTCCGGCTGG
 AAGGTGTATATCGGAAAGGAGGCGCTCGAGCCCGAGCCTGCGACTCTTGGCTGAGTTTAGCGGGATGC
 CCGGTCAGTGAAGCTTAGACCACGGGAACACTTTGTAGAAGATGTTACTGACACACTCAAACGCTTCTTT
 CGAGAGCTTGATGACCCCGTACCTCTGCTAGGTTGCTGCCTCGATGGAGAGAAGCTGCAGAGCTTTCC
 AGAAGAATCAGCGCTGGAGAAGTACAAGAAGTATTAGTGCCTGCCTCGAGTCAACCCGAGAACACT
 GGCCACCCTCATCGGCATCTGTACCGGTGCAGAAGTGTGCTCTCTAAACCAGATGTGCACCGGGAAC
 CTGGCCCTACTGTTTGCACCTAGTGTGTTCCAGACAGATGGGCGGGGAGAGCATGAGGTTTCGGGTACTGC
 AGGAGCTCATCGATGGCTACATCTCTGTTTTGATATTGACTCGGACCAGGCAGCTCAGATTGACTTGGA
 GGTGAGTCTCATTACCACCTGGAAGGATGTGCAGTTGTCCAGGCTGGAGACCTCATCATGGAGGTTTAC
 ATAGAACAGCAGCTCCCGGACAACCTGTGTACCCTAAAGGTATCCCCAACACTGACTGCTGAGGAGTTGA
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 ACACGGAGAGCTTGAGAGGCCACTGCACCCAAAGAAAAGTTCTAGAGCAGGCTTGCAGTGGTGCAG
 CTTCCAGAGCCCTGCTCAGCCTCTCTGCTTCTGAGAAAAGTCTCTATGGCACACGCTGGTGCCTCTTCA
 CAGGAGTCCGGCGTGAGAGCCCACGAGTGGGGCTGCTACGGTGTGCTGAGGAGCCACCTCGATTGCTGGG
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 TCTAAGCCAGAACGGGAGTGGTCTCTGGAAGGTGCCAAGGTCTACCTGGGAATCCGCAAGAAGTTAAAC
 CTCCAACACTGTGGGTTTACATTAATATTGGAAAAGATGCACCTCTGTCTGTCTGCTGATGGATGAGGA
 GGAGATGTGGGACTGGACCACAAGCATCCTTAAAGCCAGCATGATGACCAACAGTCCGTGGTTTTACGT
 CGCCGTTCTCTCTGACCTTGTCTGTCAGAAAGTTGGCACTATGCCCTTGTGCCATCCGAGGGGATG
 ACAGTGGAGCCACCCTTCTCTGCCAATCAGACCCTGCGGCGACTACACAACCGGAGGACCTTATCCAT
 GTTCTTTCCAATGAAGTCAACCCAGGGATCTGTGGAAGAGCAAGATGAGCTGGAGGAGCCTGTGTATGAA
 GAGCCAGTATATGAGGAGGTTCGGGCTTCCCTGAGCTTACCAAGGACACGACCTTCTCTCCACATGGG
 AGTGGTACGCCAAGTCAAGTCCATCCCTTACCAGCCAGAGGTCTTTGATCAACCCCTTCCAAAGGC
 AAGCATGTTGGGCCACGAAGAGAGGATACCTGACCCTCCTCCGGGCCCTTCAAAAAGCAGTTCTCAG
 GCACGAGGGTCCCTAGAGGAACAGCTGCTTCAAGAACTCAACAACCTCATCCTGAGGAAAGGAGAGCCTG
 CCTCGTCCCAGAAAGCTCTTCCAGCCACCAGTCCCCAAGCCCAAGCCCCACCAGCCTTCCAACACC
 GACCCCAAGCTTACCACCAACCGCCCTGCACCTCCAATCCACCCTCCAGCCAGCCTCTCACA**TGA**

ACGGTACGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139206
Insert Size: 4617 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_139206.2 , NP_631945.2
RefSeq Size:	5266 bp
RefSeq ORF:	4617 bp
Locus ID:	106952
UniProt ID:	Q8R5G7
Cytogenetics:	18 B3
Gene Summary:	<p>This gene encodes a phosphoinositide binding protein containing ARF-GAP, RHO-GAP, RAS-associating, and pleckstrin homology domains. The ARF-GAP and RHO-GAP domains cooperate in mediating rearrangements in the cell cytoskeleton and cell shape. It is a specific PtdIns(3,4,5)P3/PtdIns(3,4)P2-stimulated Arf6-GAP protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the longer isoform (1).</p>