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Product datasheet for MC223441

Arhgap39 (NM_198420) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap39 (NM_198420) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap39
Synonyms:	9530053N22; AI843066; D15Wsu169e; Kiaa1688; Porf-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

Fully Sequenced ORF:

>MC223441 representing NM_198420
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAATGTCACAGGCACAGGATTATGAATGCAGAAGCCATCATGTCGATGAGCAGGAGCCCAGGATTC
CGGGGTCGAGTACCAGGTTGGAGTGGGTGGAGATTATCGAACCACGCACGCGCGAACGTATGTATGCCAA
CCTGGTCACCGGAGAGTGCGTGTGGGATCCACCAGCCGGTGTGCGCATCAAGCGCACCAGCGAGGACCAG
TGGTGGGAGCTCTTTGACCCCAATACATCACGCTTCTACTACTACAGTGCTGCTTCCCAGCGCACCGTGT
GGCATCGCCCACAGAACTGCGACATCATTCCTCTGGCCAAACTGCAGACGCTGAAACAGAACACTGAGTC
TCCTCGTGCCTCTGCGGACAACAGCCCAGGGAGGGGCAGCCGTGATGGTAGCACTGGCTCCTCGCTGGAG
CCAGAGCTGGAAGAAAGGACACAGGAGCTGCCAGTTCGCAGTGGGCGGGCAACAACCTTGGTCACGTCAA
AGGAGGATACTAGCAGTTGTTCGCCACCAGGTGTGCTCCTGGAGAAGGACTATGAGGTATACCGGGATTA
CAGTGCCGACGGCCAGCTCCTTCACTACAGGACCTCCTCACTGCGATGGAACTCTGGTAACAAGGAACGC
ATGCTCATCAAGGTTGCCGACCGTGAACCCAGCTTCCTCACTCCCCAGGGCAATGGCTATCCCGCAGACA
ACCAACCAGGGGGCCATCACCGCAGACCATCTGGCAGCCAGCACTCACCTAACCTGCAGACCTTTGTCCC
TGACACTGATGGCACTGTCTTTTTTCCAGAGAGGCGGCCCTCACCCTTCCTAAGGAGGGCTGAGCTCTCT
GGGAACTGTTCTCCACTGCTGATACAGCCCCGGAAACCCTCCAGTGACTCACAGCCCTCCTCCCCTCGCT
ATGGTTATGAACCCCCACTCTATGAGGAGCCTCCAGTGGAATACCAGGCCCCTATTTATGATGAGCCCCC
CATGGACGTGCAGTTTGAAGCCAACAGCCCTTACCAGACAGGCTCACCACAGAGGTCCCCAGGCCGAAAG
CCCCATCCATTCCTGCAAACTACCAAACAGACCCCAACATCACCCTGCCAGCAGCTGATGCGCACCAAGC
AAAAGTGCCCTGAGCGTTTTCTGAGCCTGGAATATAGTCCTGTGGGCAAGGAGTACGTGCGGCAGCTGGT
GTATGTGGAGCAAGCAGGCTCCAGCCCCAAGCTTAGAGCTGGGCCCAGGCACAAGTATGCACCCAACCCA
GGCGGGGGCACCTACTCCCTGCAGCCCAGCCCCTGCCTGCTGAGAGACCAGCGCCTGGGGGTCAGGTCAG
GAGACTACAGCACCATGGAAGGGCCCGAGTCACGCCCAAGCCAACCACCCACACCACTGCCCCAAGCCCA
GGAGGATGCCATGTCCTGGTCCAGTCAGCAGGACACCATGTCTTCCACAGGCTACTCCCCGGGCACTCGC
AAGAGAAAGAACAGAAAACCCTCTCTGTGCCAAGTCCCTAGCACCTCGTCCACTGATGGTGCTGGGGGCC

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TGCTAGGAGAACAGCCTCTGACTGAAGAGCGCTCTCCATGCAGGGCCAGCCTTACCCCAGTAAAGGCTGA
GGCCGACCTAGTCCGAGGCACACCTGAGCCCTTCCTGGCACAGGCCCGGTTAGCCTGGGAGGCACAGCAA
GCCCACTTCCACATGAAACAGAGGGGCAGCTGGGACTCCCAGCAAGATGGCTCAGGGTATGAGAGTGATG
GCGCTGTCCCACTGCCCATGCCTGGGCCTGTGGTGCGAGCATTCAGTGAGGATGAGGCGCTGGCGCAGCA
GGACAGCAAACACTGGAAGCGGAGCACCTTTGACAAGCTTGGCTTCCCTCAGATCCTGCTGGAGAAAAGC
GTCTCTGTGCAGACCAACCTGGCCTCACCGGAGCCCCACCTCCACCCCTCACAGTCTGAGGACCTTGGTG
CCTGCGCCCAGTTTGAGAGCAGCCGACAGAACCGAAGCGCAATGCCCAGCTCCAGCTGTGTCTTCCCCAC
ATTCACGCTGCGGAAGCCCTCCTCAGAGACGGACATCGAGAACTGGGCCTCCAAGCACTTCAACAAGCAC
ACCCAGGGGCTCTTCCGGCGCAAGGTGTCCATAGCTAACATGTTGGCCTGGAGCAGTGAGTCCATCAAGA
AGCCCATGATTGTGACTAGTGACCGGCACGTGAAGAAGGAGGCCTGCGAGATCTTCAAGCTAATCCAAAT
GTATATGGGGGACAGGCGCGCCAAGGCAGACCCACTGCACGTAGCCCTAGAGATAGCCACCAAAGGCTGG
AGTGCACAGGGCCTGCGGGATGAGCTGTATATCCAGCTGTGCCGGCAAACCACAGAGAACTTCCGCCTAG
AGAGCCTGGCCCGTGGCTGGGAGCTCATGGCCATCTGCCTGGCTTTCTTCCCACCAACCCCCAAGTTCCA
CTCCTACCTAGAGGGCTATATCTACCGGCATATGGACCCTGTTAACGACACCAAAGGGGTGGCAATAAGC
ACCTATGCGAAGTACTGTTACCACAAACTGCAGAAGGCAGCTTTGACTGGGGCCAAGAAGGGCCTGAAGA
AGCCTAATGTGGAGGAGATCCGACATGCCAAGAACGCAGTGTTCAGCCCATCCATGTTTGGCAGTGCACT
GCAGGAGGTGATGAGCATGCAGAAAGAGCGCTATCCTGACAGGCAGCTGCCCTGGGTACAGACACGGCTC
TCCGAGGAGGTCCTGGCACTCAACGGTGACCAGACAGAGGGTATCTTCAGGGTCCCTGGGGACATTGATG
AGGTGAATGCCCTCAAGTTGCAGGTGGATCAGTGGAAGGTGCCTACAGGCCTGGAGGATCCCCATGTCCC
TGCATCGCTGCTGAAGCTGTGGTATCGGGAGCTGGAAGAGCCCTTGATTCCTCATGAATTCTACGAACAA
TGCATTGCGCACTACGAGAGCCCGGAGGCTGCTGTGGCCGTGGTGCACGCGCTACCGCGCATCAACCGAA
TGGTGCTGTGCTACCTCATTCGCTTCCTCCAGGTGTTCGTGCAGCCAGCCAACGTAGCCATCACCAAAAT
GGACGTCAGCAACCTGGCTATGGTGATGGCACCCAACTGCCTGCGCTGCCAGTCGGATGATCCTCGCGTC
ATCTTCGAGAATACACGAAAGGAGATGTCCTTCCTTCGAGTGCTCATTCAGCATTTAGATACCAGCTTCA
TGGAGGGCGTGCTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198420

Insert Size: 3237 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:
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_198420.2, NP_940812.2

RefSeq Size:	4494 bp
RefSeq ORF:	3237 bp
Locus ID:	223666
UniProt ID:	P59281
Cytogenetics:	15 36.28 cM