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Product datasheet for RN204793

Arhgap39 (NM_173122) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap39 (NM_173122) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap39
Synonyms:	Porf-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN204793 representing NM_173122
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAATGTCACAGACACAGGATTATGAATGCAGAAGCCACCATGTCGATGAGCAGGAGCCTAGGATTC
CTGGGTCGAGTACCAGGTTGGAGTGGGTGGAGATCATTGAGCCGCGCACGCGCGAACGTATGTATGCCAA
CCTGGTCACCGGGGAGTGCGTGTGGGACCCACCAGCGGGCGTGCGCATCAAGCGCACCAGTGAGGACCAG
TGGTGGGAGCTCTTCGACCCCAATACATCACGCTTCTACTACTACAGTGCTGCTTCGCAGCGCACCGTGT
GGCATCGCCCACAGAACTGCGACATCATTCCGCTGGCCAAACTGCAGACGCTGAAACAGAACACTGAGTC
TCCGCGTGCCTCTGCAGACAGCAGCCCAGGGAGGGGCAGTCGAGATGGTAGCACGGGCTCCTCGCTGGAA
CCCGAGCCTGAAGAAAGGGCACAGGAGCTGCCAGTTCGTGGTGGGCGGGCGACAACCTTGGTCACTTCGA
AGGAGGAGACTAGCAGTTGTTCACCACCAGGTGTACTCCTGGAGAAGGACTATGAGGTGTACCGGGATTA
CAGTGCTGACGGCCAGCTCCTTCACTACAGGACATCCTCTCTGCGATGGAACTCTGGTAATAAGGAACGC
ATGCTCATCAAGGTTGCTGACCGCGAACCCAGCTTCCTCACTCCCCAGGGCAATGGCTATCCAGCAGACA
ACCAACCAGTGGGGCATCACCGCAGACCGTCTGGCAGCCAGCACTCACCTAACTTGCAGACCTTTGTCCC
TGACAATGATGGCACTGTCTTCTTTCCAGAAAGGCGGCCCTCACCCTTCCTAAGGAGGGCTGAGCTCTCT
GGAAACTGTTCACCATTGCTGATACAGCCCCGAAAGCCCTCCAGTGACTCACAGCCCTCCTCCCCACGCT
ACGGTTATGAACCCCCACTCTATGAGGAGCCTCCAGTGGAATACCAGGCCCCCATTTATGATGAACCTCC
CATGGATGTACAGTTTGAACCCAACAGCCCCTACCAGACAGGCTCACCACAGCGGTCACCAGGCCGAAAG
CCCCATCCATTCCTGCAAGCTACCAAACAGACCCCAACATCACCCTGCCAGCAGCTGATGCGCACCAAGC
AAAAGTGCCCTGAGCGTTTTCTGAGCCTGGAATATAGTCCTGTGGGCAAAGAGTACGTGCGGCAGCTGGT
GTATGTGGAGCAAGCAGGTTCCAGTCCCAAGCTTAGAGCTGGGCCCAGGCACAAGTATGCACCCAACCCA
GGTGGTGGCACCTACTCTCTGCAGCCCAGCCCCTGCCTGCTAAGAGACCAGCGCCTGGGGGTCAGGTCAG
GAGACTACAGCACCATGGAAGGGCCTGAGTCACGCTCAAGCCAACCACCCACACCACTGCCCCAAGCCCA
GGAGGATGCCATGTCCTGGTCCAGTCAGCAGGATACCATGTCTTCCACAGGCTACTCCCCAGGCACTCGT

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AAGAGAAAGAACAGAAAGCCTTCTCTGTGCCAAGTCCCTAGCACCTCCTCCACTGACGGTGCTGGGGACC
TGCTAGGAGACCAGCCTCTGACTGAAGAGCGCTCTCCATGCAGGTCCAGCCTTACCCCAGTAAAGGCTGA
GACCGACCTAGTACGAGGCACACCTGAGCCCTTCCTGGCACAGGCCCGGCTGGCCTGGGAGGCGCAGCAA
GCCCACTTTCACATGAAGCAGAGGGGCAGCTGGGACTCCCAGCAAGATGGCTCAGGGTATGAGAGTGACG
GCGCTGTCCCACTGCCCATGCCTGGGCCTGTAGTGCGAGCATTCAGTGAGGATGAGGCGCTCGCACAGCA
GGACAGCAAGCACTGGAAGCGGAGCACCTTTGAAAAGCTTGGTTTCCCTCAGATCCTGCTGGAAAAAAGC
ATCTCTGTGCAGACCAACCTGGCCTCACCGGAGCCTTACCTCCATCCCTCACAGTCTGAGGACCTTGGAG
CCTGCGCCCAGTTTGAGAACAGCCGGCAGAACCGCAGTGCAGTGCCCAGCTCCAGCTGTGTCTTCCCCAC
ATTCACGCTTCGTAAGCCCTCCTCAGAGACGGACATCGAGAACTGGGCCTCCAAGCACTTCAACAAGCAC
ACCCAGGGTCTCTTCCGGCGAAAGGTATCCATAGCCAACATGTTGGCCTGGAGCAGTGAGTCCATCAAGA
AGCCCATGATTGTGACTAGTGACCGGCATGTGAAGAAGGAGGCCTGTGAGATCTTCAAGCTAATCCAGAT
GTACATGGGCGACAGGCGGGCCAAGGCAGACCCGCTGCACGTAGCCCTAGAGATAGCCACCAAAGGCTGG
AGTGCACAGGGCCTACGGGATGAGCTGTATATTCAGCTATGCCGGCAAACCACAGAGAACTTCCGCCTAG
AGAGCCTGGCCCGTGGCTGGGAGCTCATGGCCATCTGCCTGGCTTTCTTCCCACCAACCCCCAAGTTCCA
CTCCTACCTAGAGGGCTATATCTACCGGCACATGGACCCCGTTAACGACACCAAAGTGACACAGCACATA
AAAGAGCTTCTGGAAAGAAACAGTAAGAAGAAGTCCAAACTGAGAAAGAAACCCAAGCCTTATGTTGAAG
AGCCAGATGGGGTGGCAATAAGCACCTATGCGAAGTACTGTTACCACAAACTACAGAAGGCAGCCCTGAC
TGGGGCCAAGAAGGGCCTGAAGAAGCCTAACGTGGAGGAGATACGACATGCCAAGAACGCAGTGTTCAGC
CCGTCCATGTTTGGCAGTGCACTGCAGGAGGTGATGAGCATGCAGAAAGAGCGCTATCCCGACAGGCAGC
TGCCCTGGGTACAGACACGGCTCTCCGAGGAGGTCCTGGCACTCAACGGTGACCAGACGGAGGGTATCTT
CAGGGTCCCTGGTGACATTGATGAGGTGAATGCCCTGAAGTTGCAGGTGGATCAGTGGAAGGTGCCTACA
GGACTGGAGGACCCCCATGTCCCTGCATCGCTGCTGAAGCTGTGGTATCGGGAGCTGGAAGAGCCCTTGA
TTCCTCATGAATTCTACGAACAATGCATTGCGCACTACGAGAGCCCGGAGGCTGCTGTGGCCGTGGTGCA
CGCGCTACCGCGCATCAACCGAATGGTGCTGTGCTACCTCATTCGCTTCCTCCAGGTGTTCGTGCAGCCA
GCCAATGTAGCCATCACCAAAATGGACGTCAGCAACCTGGCTATGGTGATGGCACCCAACTGCCTGCGCT
GCCAGTCGGATGATCCTCGTGTCATCTTCGAGAATACACGAAAGGAGATGTCCTTCCTTCGAGTGCTCAT
TCAGCATTTAGATACCAGCTTCATGGAGGGCGTGCTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173122

Insert Size: 3330 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_173122.3, NP_775145.2
RefSeq Size:	4612 bp
RefSeq ORF:	3330 bp
Locus ID:	500901
Cytogenetics:	7q34
Gene Summary:	may encode a precursor for gonadotrophin-releasing hormone (GnRH)-related peptide [RGD, Feb 2006]