

Product datasheet for **MR230784**

Arhgap9 (NM_001285785) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap9 (NM_001285785) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Arhgap9
Synonyms:	AU043488
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>MR230784 representing NM_001285785
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGTTCTCAGGCCGGTGGTGGCCAAGTATCTGGGAAATCTAGGGCTGAGTCTACAAAGCCCTTCTCAGG
GACCCAGCTCTGCGCCCTCTATCCGTTCACTTACACTGGGCAGATGGCCGGCAGGTGTCTCTGGCTGA
AGGTGACAGGTTCTACTGCTTCGAAAGACCAACTCAGACTGGTGGCTGGCGAGGCGTCTGGGCGCACCC
CCCAGCTCTCGGCCATCTTTGTTCCAGCTGCATACATGACAGAGGAATCAATCTGCTGCCACAACCCAG
CAGACTACCTACAACAGCTCCCTCTGGACTCCTGGGACAAAGCTGTATCATGGCTCCCTGGAGGAGCT
CTATCTGCCTCAGGAACCCAGGTTGCTTCTGGGCAGCCTCTTACCATCCCCACAAGATGTGCAAAAGT
GTCAGCACGGGAATGTGAAGCCTGCTCCCTGAAATCCTTCAAGGAAGGGCCAGGAGAAAGGTCTCACT
GGTGGATGACAGAAGTTGCTGTGAAACCGGGTCCATGGAGCAGACAGAGACTTTGACTAGGGACAGCAG
TGCCCTACAGCCTCAGGAATGGCTCGATCCACAGGGTTTACCAAGCCTCAGCCAAAGCGTCCCATGGCTT
GCTCTCTCTGAACAGCCGGGAGCCTTGAGGCCCTGTTAGCTCTGCCACAGCTCCTGGATGACCCCCACG
TGAAGAAAGGTGAGCCTGCTCAACATGACCAAGATTGCTCAAGGAGGGCGCAAACCTCAGGAAGAACTG
GGGCCCTGCTTGGGTGGTAACTGGTAGCAGCCTTGTGTTTTACCGAGAGCGGCCACCCGAGTCTGCA
TCCCTCAAGGCTGGGCGCGGGCTGGGAGCCGGCCGGAGAGTAGCGTGGACCTGCGCGGGGCGGCCCTGG
CCAGCGGGCGCCAGCTGTCCAGCCCGCGGAACGTCCTGCACATCCGCACGGTCCCGGGACATGAGTTCCT
GCTGCAGTCGGACGAGGAGACCGAGCTGCGAGACTGGCACCGCGCTGCGGACTGTATCGAGCGGCTG
GATCGGAGAACCCCTGGAGCTGCGTCTGTGCGGCTCCGGACCCGCGAGCTGGCCGAGCTGAGCGCTG
GTGAGGATGACGAATTGGAATCGGAACCGGTGTCCAAGTCCCTGATGCGGCTTGGCAGCCGAGAACTTC
CAGTCGGTGTGCAGAGGGCACTGACCAGAAGAACCCTGCGGAACAAGTTAAAGCGGCTAATCGCCAAG
AGACCAACCTTGACAGCCTACAAGAGCGGGTCTGTTCCGAGACCAGGTTTTTGGCTGCCAGTTGGAGT
CGCTGTGCCAACGGGAAGGGGACACCGTGCCAGCTTTGTCCGGCTTTGTGTTGAGGCCGTGGATAAAAA
AGGTCTAGACGTGGATGGTATTTACCGGTGAGTGGAACTGGCCGTGGTCCAGAACTCCGCTTCTCTG
GTAGACAGAGAACGGGCAGTGACCTCTGATGGGAGATACATGTTCCAGAACAGGCAGGACAAGAAGGCA
AATTAGATTTAGACAGTGCCGAATGGGATGATATTCACGTGGTACCAGGACTTTGAAGCTTTTTTCCG
GGAGCTGCCACAGCCTCTGGTGCCTGCATTGTTGCTGCCTGACTTTCGTGATGCCCTTGAAGCTTTCTGAG
CCAGAGCAGTGCCTCTCCAAAATCCAGAAATTAATAGACTCGCTGCCGAGGCCCAACCATGACACTCTGA
AGTACATCCTGGAGCATCTGTGCAGGGTATAGCACACTCGGATAAGAACCGAATGACCGCCACAACT
GGGAATTTGTTTGGACCGACACTGTTTCGACCTGAGCAGGAGGCTCTGACATGGCGGCCACGTATTC
TACCCCGGCAGCTGGTCCAGTTGATGCTCAACAACCTTGGCAGCCTCTCACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230784 representing NM_001285785
 Red=Cloning site Green=Tags(s)

MFSGRWWPSIWGNLGLSLQSPSQGPQLCALYPFTYTGADGRQVSLAEGDRFLLLRLKTNSDWWLARRLGAP
 PSSRPIFVPAAYMTEESICCHNPADTTYNSLWTPGTKLYHGSLEELYLPQEPQVASGQPLHHPHKMCKS
 VSTGNVKACSLKSFKEGPGERSHWMTEVAVKPGSMEQTETLTRDSSALQPQEWLDPQGLPSSLQSVPWL
 ALSEQPGALRPCSALPQLLDDPHVEERSGLLNMTKIAQGGKRKL RKNWGPWVVL TGSSLVFYRERPPQSA
 SLQGWARAGSRPESSVDLRGAALASGRQLSSRRNVLHIRTVPGHFLLQSDDETEL RDWHRALRTVIERL
 DRENPLELRLSGSPAELAE LSAGEDDELESEPVSKSLMRLGSRRTSSRCAEGTDQKNRVRNKLKRLIAK
 RPTLQSLQERGLFRDQVFGCQLES LCQREGDTPVSFVRLCVEAVDKKGLDVGDIYRVSGNLAVVQKLRFL
 VDRERAVTSDGRYMFPEQAGQEGKLDLDSA EWDDIHVVTGALKLFFREL PQLVPALLLPDFRDALELSE
 PEQCLSKIQKLDLPRPNHDTLKYILEHL CRVIAHSDKNRMTAHNLGIVFGPTLFRPEQEASDMAAHVF
 YPGQLVQLMLNMFASLFT

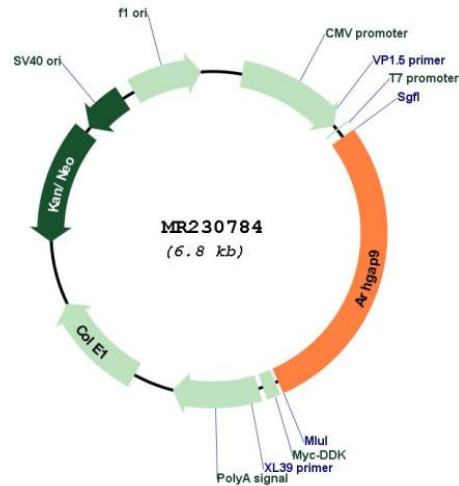
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001285785

ORF Size: 1944 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_001285785.2](#)

RefSeq Size: 2372 bp
RefSeq ORF: 1947 bp
Locus ID: 216445
Cytogenetics: 10 D3
MW: 73 kDa