

Product datasheet for **RC223605**

ARHGAP9 (NM_032496) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP9 (NM_032496) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARHGAP9
Synonyms:	10C; RGL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC223605 representing NM_032496
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTATCCAGCCGGTGGTGGCCAAGTTCTGGGGATCCTAGGGCTGGGCCCCGAAGCCCTCCTCGGG
 GATCCCAGCTCTGTGCCCTCTATGCCTTTACTTATACTGGGGCAGATGGCCAGCAGGTGTCTCTGGCTGA
 AGGGGATAGGTTCTACTGCTTCGAAAGACCAACTCCGACTGGTGGTTGGCAAGACGCCTAGAAGCTCCC
 TCCACCTCTCGACCCATCTTCGTCGCCAGCAGCCTATATGATAGAGGAATCCATCCCTTCCAGAGTCCAA
 CTACCGTCATCCCGGCCAATTGCTCTGGACTCCTGGGCCGAAGTTGTTTCATGGTTCCCTGGAGGAGTT
 GTCTCAGGCCCTCCAAGCAGGGCTCAGGCTAGCTCGGAGCAGCCTCCTCCACTTCCCGCAAAATGTGT
 AGGAGCGTCAGCACTGACAATCTGAGCCCCAGCTTTCTGAAGCCTTCCAGGAAGACCAAGCGGAAGAT
 CCCTCTCCAGGAAGACTTGCCGTGAGAAGCCAGTGCCAGCACAGCAGGCCCCAGCCCCATGTCAGA
 GCCCCTGTGTACTGTAACCTGGTGGACCTTCGCCGTGTCTCGGTCCCACCCAGGCCCTGCATGC
 CCCTGTGCAGAGGCTGGATGCCTGGGAGCAGCACTGGACCCAACTCTGGACGCTGTTCTACATAA
 ATTCACTGACTGGCTGCAAGTCCTGGAAGCCCCGCGCCGAGTCGCAGCGAGACGAACCTGGCTCCAT
 GGAGGGGACACAGACCCTGAAGAGGAACAATGATGTCTGCAACCTCAGGCAAAGGGCTTCAGATCTGAC
 ACAGGGACCCAGAACCCTTGACCCACAGGGTCACTCAGCCTCAGCCAAACGCACCTCGCAGCTTGACC
 CTCCAGCCTTGACAGGCCCTCGACCTCTGCCGAGCTCCTGGACGACCCCATGAGGTGGAAAAGTCGGG
 TCTGCTCAACATGACCAAGATTGCCAAGGGGGCGCAAGCTCAGGAAGAACTGGGGCCCGTCTTGGGTG
 GTGTTAACGGGTAACAGCCTGGTGTCTACCGAGAGCCACCGCCAGCAGCCCTCCTCAGGCTGGGGAC
 CAGCGGGTAGCCGGCCGAAAGTAGCGTGGACCTGCGCGGGCGGCCCTGGCGCACGGCCCGCCACTGTC
 CAGCCCGCAACGTCTGCACATCCGCACGATCCCTGGCCACGAGTTCCTGCTGCAGTCCGGACACGAG
 ACAGAGCTGCGAGCCTGGCACCGCGCTGCGGACTGTATCGAGCGGCTGGTTAGATGGGTGGAGGCC
 GGAGGGAGGCTCCGACCGGCCGGGACCAAGGGAGTGGGGATCGGGAGAACCCCTGGAGCTGCGTGTGTC
 GGGCTCTGGACCCGCGGAGCTGAGCGCCGGGAGGACGAAGAAGAGGAGTCGGAGCTGGTGTCCAAGCCG
 CTGCTGCGCCTCAGCAGCCGCGGAGCTCCATTGGGGGCCGAAAGCCAGCAGCAGAACCGCGTGCACA
 ACAAACTAAAGCGGCTCATCGGAAGAGACCGCCCTTACAAGCCTGCAGGAGCGGGTCTGCTCCGAGA
 CCAGGTGTTGGTGTCCAGTTGGAATCACTCTGCCAGCGGAAGGAGACACGGTGCCAGCTTTTTCGGG
 CTCTGCATTGCTGCTGTGGATAAAAGAGGTCTAGATGTGGATGGCATTATCGGGTGAGCGGGAAGTTGG
 CAGTGGTCCAGAAGCTTCGCTTTCTGGTGGACAGAGAGCGTGCAGTCCATCCGATGGGAGGTATGTGTT
 CCCAGAACAGCCAGGACAAGAAGGTCGGTTAGATTTGGACAGTACTGAGTGGGATGACATTCATGTGGTC
 ACCGGAGCCCTGAAGCTTTTCTCCGGGAGCTGCCCCAGCCTCTGGTGCCACCACTGCTGCTGCCCCATT
 TCCGTGCTGCCCTTGCACTCTCCGAATCAGAGCAGTGCCTCTCTCAGATACAAGAATTAATAGGCTCAAT
 GCCAAAGCCCAACCATGACACTTACGGTACCTCCTGGAGCATTTATGCAGGGTATAGCACACTCAGAT
 AAGAATCGCATGACACCCCAACCTGGGAATTGTGTTGGACCAACCTGTTTCGGCCAGAGCAGGAGA
 CATCTGACCCAGCAGCCATGCTCTCTACCCAGGGCAGCTGGTCCAGCTGATGCTACCAACTTCACCAG
 CCTTTCCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_032496.1](#), [NP_115885.1](#)

RefSeq Size: 2937 bp

RefSeq ORF: 2196 bp

Locus ID: 64333

UniProt ID: [Q9BRR9](#)

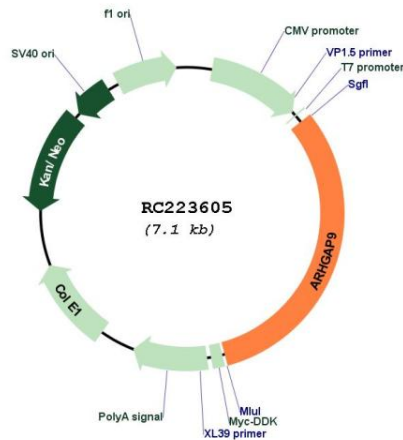
Cytogenetics: 12q13.3

Domains: RhoGAP, SH3, PH

MW: 81 kDa

Gene Summary: This gene encodes a member of the Rho-GAP family of GTPase activating proteins. The protein has substantial GAP activity towards several Rho-family GTPases in vitro, converting them to an inactive GDP-bound state. It is implicated in regulating adhesion of hematopoietic cells to the extracellular matrix. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC223605