

Product datasheet for **RN200052**

Arhgap9 (NM_001080789) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap9 (NM_001080789) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap9
Synonyms:	MGC125000
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200052 representing NM_001080789
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTCTCAGGCCAGTGGTGGCCAAGTATTTGGAAAAATCTAGGACTGAGTCTACAAAGCCCTTCTCAGG
 GGCCGGAGCTCTGTGCCCTTATCCCTTTGCTTATACAGGGCAGATGGCCGGCAGGTGTCTCTGGCCGA
 AGGTGACAGGTTCTACTGCTTCGAAAGACCAACTCAGACTGGTGGTTGGCAAGGCGCCTGGGAGCGCCC
 CCCAGCTCTCGGCCATCTTTGTTCCAGCTGCATATGTGACAGAGGAATCAGTCTCTGCCACAACCCAG
 CAGGCAGTACCCACAACAGTTCCTCTGGACTCCTGGAACAAAGCTGTACCGTGGCTCCCTGGAAGATCT
 CTACTTATCTCAGGAACACCAGTTGTTTCTGGGCAGCCTCCTCACTGTTCCACAAAATGTGCAGAAGT
 GTCAGCATGGCCAATGTGAAGCTCTGCTCTCTGAAACCCTTCAAGGAAGGGCCCCAAGAAAGTTTCTCT
 CTCAGGACTGTTGGAGGACAGAAGCCAGTGTCTGTCTGTGAAATCTGGTCCATGGAGCACACAGAGGC
 TTTGATCAGGGACAGTAATCCTCTGCAACATCAGGAATGGCTGAATGCACAGGATTTACCAAGCCTCAGC
 CAAAGCATCCCGTGGCCTGATGTCTCGGAGCAACCCTGTCCACACGAGGAAAGGTCAGGCCTGTCAACA
 TGACCAAGATTGCTCAAGGAGGGCGCAAACCTCAGGAAGAGCTGGGGCCCTGCTTGGGTAGTGTAACTGG
 TAACAGCCTTGTGTTCTACCGAGAGCGGCCACCGCAGTGTGCACCCTCCCAAGGCTGGGCGCCGGCTGGA
 AGCAGACCAGAAAGTAGCGTGGACCTGCGCGGGGCGGCCCTGGCCAGCGGGCGCCAGCTGTCCAGCCGCC
 GGAACGTCTGCACATCCGCACGGTCCCAGGGCATGAGTTCCTGCTGCAGTCGGATGAGGAGACGGAGCT
 GAGAGCATGGCACCGCGCTGCGGGCGGTATCGAGCGGCTGGATCGGGAGAACCCCTGGAGCTGCGT
 CTGTCTGGCTCCGGACCCGCTGAGCTGGCAGAGTTGAGTGGTGGTGGAGATGACGAATGGAGTCGGAAC
 CGGTGTCCAAGTCCCTGATGAGGCTTGGCAGCCGAGAACTTCCAGTCGGTGTGCAGAGGGCACTGACCA
 GAAGAACC CGCTGCGGAACAAGTTAAAGCGCTAATCGCAAAGAGACCAACTTTACAGAGCCTTCAGGAG
 CGGGTCTGTTCCGAGACCAAGTTTTTGGCTGCCAGTTGGAGTCGCTGTGCCAACGGGAAGGGGATACCG
 TGCCAGCTTTGTCCGGCTTTGTGTTGAGGCTGTGGATAAAAAAGGCTAGATGTGGATGGCATTACCG
 GGTGAGTGGGAACCTGGCAGTGGTCCAGAACTCCGCTTCTGGTAGACAGAGAACGGCAGTGCCTCC
 GATGGGAGATACATGTTCCAGAACAGCCAGGACAAGAAGGCAAATTAGATTTAGACAGTGTGAATGGG
 ATGATATTCACGTGATCACTGGAGCTTTGAACTTTTTTCCGGGAGCTGCCACAGCCTCTGGTGCCTGC
 GTTGTGCTGCCTCATTTTCCGGATGCCCTTGAACCTTCTGAGCCAGAGCACTGCCTCTCTAAAATACAG
 AAATTAATAGACTCGTTGCCGAGGCCCAACCATGACACTCTGCAGTACATCCTGGAACATCTGTGCAGT
 CAGGGAGACTCAGCAACCTTGTTCGTGCTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001080789
- Insert Size:** 1785 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_001080789.1](#), [NP_001074258.1](#)

RefSeq Size: 2480 bp

RefSeq ORF: 1785 bp

Locus ID: 362893

Cytogenetics: 7q22