**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for MC228573

## Arhgap9 (NM_001285785) Mouse Untagged Clone

### Product data:

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

**Fully Sequenced ORF:**

>MC228573 representing NM_001285785
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCTCAGGCCGGTGGTGGCCAAGTATCTGGGGAAATCTAGGGCTGAGTCTACAAAGCCCTTCTCAGG
GACCCCAGCTCTGCGCCCTCTATCCGTTCACTTACACTGGGGCAGATGGCCGGCAGGTGTCTCTGGCTGA
AGGTGACAGGTTCCTACTGCTTCGAAAGACCAACTCAGACTGGTGGCTGGCGAGGCGTCTGGGCGCACCC
CCCAGCTCTCGGCCCATCTTTGTTCCAGCTGCATACATGACAGAGGAATCAATCTGCTGCCACAACCCAG
CAGACACTACCTACAACAGCTCCCTCTGGACTCCTGGGACAAAGCTGTATCATGGCTCCCTGGAGGAGCT
CTATCTGCCTCAGGAACCCCAGGTTGCTTCTGGGCAGCCTCTTCACCATCCCCACAAGATGTGCAAAAGT
GTCAGCACGGGCAATGTGAAGGCCTGCTCCCTGAAATCCTTCAAGGAAGGGCCAGGAGAAAGGTCTCACT
GGTGGATGACAGAAGTTGCTGTGAAACCGGGCTCCATGGAGCAGACAGAGACTTTGACTAGGGACAGCAG
TGCCCTACAGCCTCAGGAATGGCTCGATCCACAGGGTTTACCAAGCCTCAGCCAAAGCGTCCCATGGCTT
GCTCTCTCTGAACAGCCGGGAGCCTTGAGGCCCTGTTCAGCTCTGCCACAGCTCCTGGATGACCCCCACG
TGGAAGAAAGGTCAGGCCTGCTCAACATGACCAAGATTGCTCAAGGAGGGCGCAAACTCAGGAAGAACTG
GGGCCCTGCTTGGGTGGTGTTAACTGGTAGCAGCCTTGTGTTTTACCGAGAGCGGCCACCGCAGTCTGCA
TCCCTCCAAGGCTGGGCGCGGGCTGGGAGCCGGCCGGAGAGTAGCGTGGACCTGCGCGGGGCGGCCCTGG
CCAGCGGGCGCCAGCTGTCCAGCCGCCGGAACGTCCTGCACATCCGCACGGTCCCGGGACATGAGTTCCT
GCTGCAGTCGGACGAGGAGACCGAGCTGCGAGACTGGCACCGCGCGCTGCGGACTGTCATCGAGCGGCTG
GATCGGGAGAACCCCCTGGAGCTGCGTCTGTCGGGCTCCGGACCCGCCGAGCTGGCCGAGCTGAGCGCTG
GTGAGGATGACGAATTGGAATCGGAACCGGTGTCCAAGTCCCTGATGCGGCTTGGCAGCCGCAGAACTTC
CAGTCGGTGTGCAGAGGGCACTGACCAGAAGAACCGCGTGCGGAACAAGTTAAAGCGGCTAATCGCCAAG
AGACCAACCTTGCAGAGCCTACAAGAGCGGGGTCTGTTCCGAGACCAGGTTTTTGGCTGCCAGTTGGAGT
CGCTGTGCCAACGGGAAGGGGACACCGTGCCCAGCTTTGTCCGGCTTTGTGTTGAGGCCGTGGATAAAAA
AGGTCTAGACGTGGATGGTATTTACCGGGTGAGTGGGAACCTGGCCGTGGTCCAGAAACTCCGCTTCCTG
GTAGACAGAGAACGGGCAGTGACCTCTGATGGGAGATACATGTTCCCAGAACAGGCAGGACAAGAAGGCA
AATTAGATTTAGACAGTGCCGAATGGGATGATATTCACGTGGTCACCGGAGCTTTGAAGCTTTTTTTCCG
GGAGCTGCCACAGCCTCTGGTGCCTGCATTGTTGCTGCCTGACTTTCGTGATGCCCTTGAACTTTCTGAG
CCAGAGCAGTGCCTCTCCAAAATCCAGAAATTAATAGACTCGCTGCCGAGGCCCAACCATGACACTCTGA
AGTACATCCTGGAGCATCTGTGCAGGGTGATAGCACACTCGGATAAGAACCGAATGACCGCCCACAACCT
GGGAATTGTGTTTGGACCGACACTGTTTCGACCTGAGCAGGAGGCCTCTGACATGGCGGCCCACGTATTC
TACCCCGGGCAGCTGGTCCAGTTGATGCTCAACAACTTTGCCAGCCTCTTCACTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM_001285785

**Insert Size:** 1947 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

| | |
|---|---|
| **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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001285785.1, NP_001272714.1 |
| **RefSeq Size:** | 2372 bp |
| **RefSeq ORF:** | 1947 bp |
| **Locus ID:** | 216445 |
| **Cytogenetics:** | 10 D3 |