

Product datasheet for **MC216845**

Arhgap19 (NM_027667) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Arhgap19 (NM_027667) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Arhgap19 |
| Synonyms: | 4933411B03Rik; AI120128; AW546831; mFLJ00368 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC216845 representing NM_027667
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCTGAGGCGCCGAGTGGAGGGAGGCGCCGGTCTGCGACTCTGGCCGAGTGATGCCATCTGCA
ATTTTGCATTTGCAATGACTCTCCCTTCGAGGTCAGCCTATTATCTTCAATCCTGACTTTTTTGTGGA
GAAACTCCGACATGAGAAACCAGAGGTGTTACCGAATTGGTGGTCAGCAACATCACAAGCTTATTGAT
TTGCCGGAACTGAGTTGGCTCAGCTGATGGGTGAAGTGGACCTTAAGCTGCCTGGAGGGCTGGCCAG
CAGCAGGATTCTCAGGTCTCTAATGTCTCTCAAGCGGAAAGAAAAGGAGTGGTATTTGGATCTCCGT
GACGGAGGAAGCATTGCCAGATTTATCAGCTGATTGAATATCTGCACAAAACCTGCGAGTGGAGGGC
TTGTTTAGAGTACCAGGCAACAGTGTTCGACAGCAGCTTTGAGGGATGCTCTCAATAACGGGACTGATA
TTGACTTGGATTAGGAGAGTTTCACTCAAATGATGTGGCCACGCTGCTGAAGATGTTTCTAGGAGATT
ACCGAGCCCCTGCTGACCCATAAACATTTTCATGTACACCTCAAATTTGCTGATCTGATGCAGTTTGT
GATAAAGGAAATAAGACCAACATACCAGACAAGGAGCGGAGATTGAGGCCCTGCAGCTGCTCTCTCTCA
TCCTCCCTCCAGCCAATCGTAACCTGCTAAAGTACTGCTTGATCTCCTGTATCAGACAGCGAAGAAGCA
AGACAAGAATAAGATGTCTGCCATAACCTTGCTTTATGTTTGCACCCCATGCTCTGTGGCCAAAAAT
GTCAGTGCAAATGATCTTCAGGAGAATATCATAAAGTTAAACACAGGAATGGCTTTTATGATCAAACACT
CTCAGAACTTTTTAAGGCTCCTGCTTATATTCGCGAATGTGCCAGATTACTATTTGGGCTCCAGAAC
TCAAATGTCAAAGGATGACCTTGATCTGACAACCTCATGTCATAACATGTCTCCAGCTGGCAAGATGT
CAGAGACAGAACAGGGTAGATCCTTCTCAGCAGGAGGAGACCCAGCAGCACAGAGAAGAGGGCGCTGA
GAGAACTCTCCAGCATGTTCACTAACTGGCCAGACTCCGCGAAGAAGAAACAACCTCTCAGACAGTTCCA
TAAGCAGTCTCTGACTCAAACACCAGGGAGAGAACCTTCTACTCCAGGGTCCAGAAGAGAGCCCGCTCA
CGCTCCTTCAGTGGGCTTATCAAGCGCAAAGTCTGGGCAGTCAGATGACTTCAGAAAAGAAAAACAGTT
CTCCTGCTCCAGAGTCTGTGGCCATGGGGAACTGAAGAAAGCCAGCAAAGAAAAATGAACCTGTTCTT
CTCTGGCTCTCCAGCTGGGACAGTGACACCAACAAGATTGAAATGGTCTGAGGCGAAGAGAGAGGGGAGA
AAAGGATCTTT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027667

Insert Size: 1485 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_027667.3](#), [NP_081943.2](#)

RefSeq Size: 5150 bp

RefSeq ORF: 1485 bp

Locus ID: 71085

UniProt ID: [Q8BRH3](#)

Cytogenetics: 19 C3

Gene Summary: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.