

Product datasheet for **RN206858**

Arhgap8 (NM_001004242) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arhgap8 (NM_001004242) Rat Untagged Clone
Tag: Tag Free
Symbol: Arhgap8
Synonyms: MGC94058
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206858 representing NM_001004242
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGGCTGGACCCACGCTGAGCACAAGTACCCATTCTATGATGTGGCCAGACACGGCATCCTGC
AGGTGGCAGGGGATGACCGCCAGGGGAGACGCATCTTCACTTTCAGCTGCTGCCGTTGCCACCCTTGCA
CCAGCTCAACCACCAGCGTCTGCTGGAGTATCTGAAGTACACACTGGACCAGCATGTGGAGAACGACTAT
ACTATCGTCTACTTCCACTATGGCCTCAGCAGCCAGAACAACCATCCCTAGGATGGCTCCAGAAGCCCT
ACAAGGAGTTTGACCGGAAGTACAAGAAGAACCTGAAGGCATTGTATGTTGTACATCCCACCAGCCTCAT
CAAAGCACTGTGGAACATCTTCAAGCCCCTCATCAGTCACAAGTTTGGGAAAAAGTCACTACTGCAGC
AACCTGCGTGAGCTCCGGGAACACCTTCAGTGCGACCAGCTGCTCATCCCCCGGAAGTGGTGCGGTATG
ACGAGAAGCTGCGAAACCTGCACAAAGGCCAGACAGCCCTCCCACCAAGACGCCGCCACCTCGGCCGCC
TCTGCCTACCCAGCAGTTCGGCGTCAGTTTGAATACCTCAGAGACAAAAATCAAGGTGAAGTCACTCCCC
CCTGTGCTGCGTTGGACGGTGACATATCTGAGAGAAAAAGGACTGCACACTGAAGGCCTGTTCCGGAGAT
CAGCCAGCGCCAGACTGTCCGCCAGGTGCAGCGGCTCTATGATCAAGGGAAGCCTGTGAACCTTTGATGA
TTATGGTGACATGCACCTCCAGCTGTGATTCTAAAGACATTTCTTCGAGAGCTGCCCCAGCCACTGCTG
ACCTTCCAAGCCTACGAGCAGATTCTCGGGATCACAGTGTGGAGAGCAGCCTGCGAGTGACCCACTGCC
GCCTGATCCTGAGGAGCCTCCCAGAACAACAATATGCCGTCTCCGCTACCTCATGGGCTTCTGCTGATGA
GGTGTCTCTGGAGAGCATTTCAAACAAGATGAACAGCTCTAACCTGGCATGTGTGTTTGGGCTGAACCTG
ATCTGGCCATCCCAGGGGGTGGCTTCCCTGAGCGCCCTGGTTCTCTGAACCTGTTCCACAGAGCTGCTGA
TAGAGTACTATGACAAAGTCTTCAAGTCCCAGGAGGGCCCTGGGAGCAGCATCCGGGATACTGTCGAAAC
GAAACAGGCTGGTCTGTACCAAAGAATTCACACAGACGGGCACTCCCCGGGCCTACCATACTGTCT
CGCTCCGTATCCCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001004242
Insert Size:	1278 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:	<ol style="list-style-type: none">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:	<u>NM_001004242.1</u> , <u>NP_001004242.1</u>
RefSeq Size:	1543 bp
RefSeq ORF:	1278 bp
Locus ID:	300115
Cytogenetics:	7q34