

Product datasheet for **MC227629**

Arhgap8 (NM_001205334) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arhgap8 (NM_001205334) Mouse Untagged Clone
Tag: Tag Free
Symbol: Arhgap8
Synonyms: 3110043J09Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227629 representing NM_001205334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGCTGGACCCACACTGAGCACAAGTACCCATTCTATGATGTGGCCAGACACGGCATCCTGC
 AGGTGGCAGGGGATGACCGCCAGGGGAGACGCATCTTCACTTTCAGCTGCTGCCGGTCCACCCCTTGCA
 CCAGCTCAACCACCAGCGCTGCTGGAGTATCTGAAGTACACACTGGACCAGCATGTGGAGAACGACTAT
 ACTATTGTCTACTTTCACTATGGCCTCAGCAGCCAGAACAACCATCCCTAGGCTGGCTCCAGAACCT
 ACAAGGAGTTTGACCGGAAGTACAAGAAGAACCTGAAGGCACTGTACGTTGTACACCCACAGCCTCAT
 CAAAGCACTGTGGAACATCTTCAAGCCCTCATCAGTCACAAGTTTGGAAAAAAGTCACCTACTGCAGC
 AACCTGCGTGAGCTCCGAGAACACCTTCAGTGCGACCAGCTGCTCATCCCCCGGAAGTAGTGCGGTATG
 ACGAGAACTGCAAACTGCACAAAGGTCAACCGCCCCGCCCACCAAGACACCGCCACCTCGGCCGCC
 TCTGCCACCCAGCAGTTTGGCGTCAGCCTGCAATACCTCAGAGACAAAAATCAAGGTGAACCTATCCCC
 CCGGTGCTGCGTTGGACGGTGACATATCTGAGAGAAAAAGGACTGCGCACTGAGGGCCTGTTCCGGAGAT
 CGGCCAGCGCCAGACTGTCCGTCAGGTGCAGCGGCTATATGATCAAGGGAAGCCCGTGAACCTTTGATGA
 TTATGGAGACATGCACCTCCAGCGGTGATCCTGAAGACATTTCTCCGAGAGCTGCCACGCCACTGCTG
 ACCTTCCAAGCCTACGAGCAGATTCTCGGGATCACCAAGTGTGGAGAGCAGCCTTCGAGTGACCCACTGCC
 GCCTGATCCTGCGGAGCCTCCAGAACAACAATATGCCGTAACCTCCGCTACCTCATGGGCTTCTGATGA
 AGTGTCTCTGGAGAGCATTTCAAACAAGATGAACAGCTCTAACCTGGCGTGCGTGTGGATTGAACTTG
 ATCTGGCCATCCAGGGGGTGGCTTCCCTGAGCGCCCTGGTACCTCTGAACTTGTTCACAGAGCTGCTGA
 TAGAGTACTATGACAAAGTCTTCAAGTGGCAGGAGGCCCTGGGAGCACACCCGGGATACTGTGGAAGT
 ACAGCAGGCTGGCCCTGTTACAAAGAATTTATGAAGACGGGCACTCCCCGGGCTCACCATACCTGTCC
 CGCTCCGTATCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001205334
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).
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:	<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_001205334.1</u> , <u>NP_001192263.1</u>
RefSeq Size:	1547 bp
RefSeq ORF:	1278 bp
Locus ID:	73167
UniProt ID:	<u>Q9CXP4</u>
Cytogenetics:	15 E2
Gene Summary:	<p>GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) represents the longest transcript. Variants 1, 2, 3 and 4 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>