

Product datasheet for **MC222747**

Arhgap4 (NM_001162423) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap4 (NM_001162423) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap4
Synonyms:	A130009C12Rik; A530015A20Rik; c1; mKIAA0131; Rgc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222747 representing NM_001162423

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCGCACGGGAAGTTGCGCGGGAGCGGGGCTACAACCTGAGTATGACGCACAGGTCAAAGAGA
TGCCTGGCAGTTGAGTGAGCAGCTTCATTGCCTGGAGCTTCAGGAGAGCTTCGGCGGGATTTGCTGCA
GGAGCTAGCTGAGTTCATGCGGCCCGGGCGGAGGTAGAAGTGGAGTATTCTCGGGGCTGGACAAGTTG
GCTGAACGCTTTACCAGCCGAGTGGTGCCTTGGGGCAGCAGCCAGGAGCAGCAAAGCTTCCGGAAGG
AGCCGACTCTCTGTCAACCTTGCCTGCTGGGCTGTGCTGCTGGAACACACTCGGCAGCAGAGTCGGGA
AAGTGTGCCCTCAGTGAGGTGCTGGCTGGGCCCTGGCACAGCGCTAAGTACATCAGCGAAGATGTG
GGAGCTATTGTCAAAAAGAGCAAGGACCTGGTGCAGCAGTTGCAGGCTGAGCTCCTGGAAGTGGTCTCAG
AACTCCAGACAACCAAGAAGATGTACCATGTGTACCCTCAGAGAGCATGAATGCTGAGACTAAACTTCG
GGAAGCGGAGCGCAAGAGGAGAAGCGGTGAGGAGGAGTGCCTTATCCACCACCACTACTACTTCTGCC
ACCACCACCACTACTACCACCACCGTTGAGACAGGGCCCCACCGAAAGAGCTCTCTCAAGAAAGGAGGGC
GGCTAGTGGAGAAGCGTACGGCCAAGTACTTGGAGCATAAACTTAAGTGCACCAAGGCCCGAAATGAGTA
CCTGCTCAGCCTGGCCAGTGTCAATGCCGCCATCAGCAACTACTACTTACACGATATCTTGGATCTCATG
GATTGCTGTGACACAGGTTTCCATTTGGCCCTGGAGCAGGCCCTCCGGAGCTACACAGCTGCTGAGAGCC
GTACCCAAACCTCCAGATGCAGGGCTTAGGCAGCCTGGAAGAGGCTCTGGAGGCTTTGGATCCTCCAGG
GGACAAGGCCAAGGTGCTTGAGGTTTCATGCCATGGCCTTCTGTCCCCCTACTCGTTTTGAATACCAGCCC
CATGAAGATGATGAGGTGGCCGAGTCTGATTGAGATGGAAGTGGGATGAGATTTGCCAGAGCTC
AAAACATTCAGAGTCGCCTGGACAAAAGACCATCGAGACAGAAGAGGTGAATAAGACACTGAAGGCAAC
ACTTAAGGCTCTGCTAGAGGCGGTGGCATCAGAGGATGGGGACATACTGGACTCTTTCAGGCCAGCCCC
TCCACTGAGTCCCTCAAGTCTACAAGCTCGGACCCAGGCACCCGACAGACAGGCCGTAGACGGAACCCAGC
AGCAGGAGACAGAAACCTTCTATATTACGAAGCTGCAGGAATATCTGAGTGGCCGGAGCATCCTTTCCAA
GCTGCAGGCCAAGCATGAAAACTTCAGGAAGCCATACAACAAGGTAACAAGGAAAAGCAAGAGACATCT
CGGACCCAGTGCACAGAGAGAAAATCCACAAGAGCCATCCCCCATCTAGATTCCAGTATAATCAGA
GACTTTTTGGAGGTGATCTGGAGAAGTTTATCCAGAGCTCAGGCCAACCTGTGCCCTTGTGGTGGAGAG
CTGTATTCGCTTCAATCTCAATGGTGGCCAGGCCAGGATCTCAGAGATCCGAGATGCCTTTGAAAGA
GGGAGGACCCTCTGGAGAAAGGCTGTACTGTCCATGACCTAGACTCAGTGGCTGGGGTACTAAAGCTGT
ACTTTCCGAGCCTGGAGCCCCACTCTTCCCCTGGACATGTTTAAATGAGCTGCTGGCTTACGAGAAGT
GGAAGTTGTGGGTGAGCGAGTAGAGCCTGTGAGCCATCTGCTATTCAAACTACCCAGACCTGTGCTAGTG
GTCCTACGCTATCTTTCACCTTCTCAACCACCTGGCCAGTACAGTGTGAGAACATGATGGACTCCT
ACAACCTGGCTGTATGTTTTGGGCTACACTGTTGCCTGTGCCTGCTGGGCAAGACCCAGTAGCCTTGCA
AGGCCGAGTGAACCAGCTGGTCCAGACCCTTATCTGCAACCAGCACGGATTTTCCACCTCCAGCCATG
CTGCCAGGCCCATCTATGAGAAATGCATGGCACCACCTTCTGCCAGCTGCCTGGGGATGGCCAGTTGG
AGAGCCTCATTGGGGAGCCAGAGCTGGAGTTGAAAAGTGGGACCACAGCTCAGGAGGATGACCAGGAGGG
AGTTTTGGAGGCTGTGGCCTGCTTTCCTACACTGGTGTGACGGCCAGGAGCTGACATTCAGCAGAGGG
GATGTGCTGCGATTGTATGCTCGGGCATCAAGTACTGGTGGCGAGGGGAGCATGCTGGTGTGCAGGGGC
TCATTCCCATAAGTACATCACACTTTGTGAGGGGATGAGAAGCAGATGGCTGGTTCAGGACTACAGGC
CATGGGGAACTGTGAGCCATCCAGAGGGCTTCTGACGTTGGAGTTTGCACCCGTTGGAAGTACAGGC
ACCCACCTGAGGCTTTGGGCCCTCTAGGCACAGACGACCTGTTTAGTCCCTACCTCCCTGAAGGAC
ATGTGGAATGGATAAGGCTGTGGCACAGAACATGAATTCTGTGTTAAGGAGCTCTGGGAAAGACTGC
TGTCCGCCAGGGCATGGGTTAGCATCTACAGCCTCCCCGAGTCTAGGAAGTCTGACGCCCTGGCCTGC
AGCAGCATCAGCAAAAACAAAGTCTTCTCCGGGGACCTGGGGCTCCAATTTCCCCTCAACCTCCCATC
CCCAGGTCAGATTCAACTCGCAAGCCAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001162423
Insert Size:	2835 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_001162423.1</u> , <u>NP_001155895.1</u>
RefSeq Size:	3288 bp
RefSeq ORF:	2835 bp
Locus ID:	171207
Cytogenetics:	X A7.3