

Product datasheet for **MC205957**

Arhgap11a (BC050875) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap11a (BC050875) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap11a
Synonyms:	mKIAA0013, GAP (1-12)
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC050875
 CGGGGCCACAGGCAAGGCTGATGGGCTAGGGGAAAGGCTGCGTGTGAGACGGGGTACGGCGGGGACCAG
 CCCGGGCAGGGACCGGGACTGGGGATCCCTGAGCAGCCGGCTGGCCCGGCTGGAGGGAGTAGCTTAAGGT
 TGCATTTCCATCTCAAGAAATCAGAGCGGGGAAGGCCACCTGCGGGGAAGAGGATAAGTGGAAGTGTC
 GGAAGCGAGAACTAGCTGCAGGCGTTAGTCTGGGAAACGGAAGAGTCAGAAAAAGGGAGTTTGTGG
 AAGTAACTGACAGGGCTGAGCGACCCGAAAGAAGGCTGGTGAAGTGAAACAAGAGTGAAGAGAGGCGC
 GAGAGAAGAAGGTCTGTGTAAGTGGATCGAGGAAAGTGGAGGAAGAGTGCCAGAGGTGGCTGGAAGGCA
 GCGGAGCAGAGCGAGCCTGAGGGCGTTTGGCAAGTGAAGAGTTGGTTGGTGGCAAGAAAGTCAAGGACC
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 GTTCCAGAATTTGGACACATTCCAAGCTTCTTGTGATGCGTGCGCATCTTTAAAAGAGCATATTCATA
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 TACAGGGTAGAGTCAGGAAAAGCGGGCTGCTTCTCTCCAAAGTCAGTCGTAAGAAAAGACCCGAAGAT



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CTCTCCGTCTGAAATTTAGTCTGGGGAAGAACAGAGATTCAGATGGATGTTCTGTCAATAGATATGA
 AAATGTTGGTTCGACGACTAGCGAATCAGCAAAATCTAAAAAGTAGGATTGATTCTGTAAAGACAGGCCTG
 CTTTTAGCCCAGATATTGATGAAAAGTTGCTAAAGAAAGGCTCAGAAAAGATCAGCAAATCTGAGGAAC
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 ACATACAGTGGTTAATAAACTTTCTCTAAATGAACCGAACAGAGGAAAAGTGAAGTCACCTCTAAATT
 TCAGCGTACTCCTGTCCGTCAAGTCCGTCAGAAGAATTAATTTCTTTGTTGGAGTATGGCAGGCAGCCTGTG
 AGGCAGAAGTTGGCAATCTTTGGTGACGCGACTTCTCCTCTCGTTAAATCAGTGAGCTGTGACAGTGCC
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 GCAAACCTTATGTCTTGAATTATTCATGTTTGTGCTTGACCCAAAACCAAGAAGTAAATTGGCCTCAG
 TGGTATGTGAACACTTTTGTGGAGACAGAGGGATTTATTTGGTCAAGTATCGCCTGTGGTTTCACTTGAA
 TTTTGAATTAAGACAGTGAATAAAGCATAATGACAACAAAGGACTGCATACTTTATAATGTTGAGGTA
 AATGATTAATCGTAAGCCATACTTCATTTTTAAAGGTGATTTGGATCATATTTTGTCCAGTATGACAATG
 AAATTTTTAGGGAGGTATAGTTAACTGGAAAAATTTAATCAAGTTGTTTTTCTATGAAGATGGTTG
 ATTTTGAATTAATGTTAATGTACCTCTGTACATTTTACTTAGATAAATATCAGATAGTGTATCATG
 TGTTTTAAATGTTATTTTAGCATAGACATTAATAATAGCTCCTGGGAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

- Restriction Sites:** EcoRI-NotI
- ACCN:** BC050875
- Insert Size:** 2964 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: [BC050875](#), [AAH50875](#)

RefSeq Size: 4547 bp

RefSeq ORF: 2964 bp

Locus ID: 228482

Cytogenetics: 2 E4

Gene Summary: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.[UniProtKB/Swiss-Prot Function]