

Product datasheet for **RN205980**

Arfgap3 (NM_001044273) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arfgap3 (NM_001044273) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arfgap3
Synonyms:	MGC116119
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205980 representing NM_001044273
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGGACCCAGCAAGCAGGACATCCTGGCCATCTTCAAGCGCCTGCGCTCGGTGCCACTAACAAAGG
 TGTGTTTTGACTGTGGTCCAAAAATCCCAGCTGGGCAAGCATAAGCTATGGGGTTTTCTGCATTGA
 CTGCTCCGGATCACATCGGTGCTTGGGGTCCACTTGAGTTTTATTTCGGTCCACAGAAGTGGATTCTAAC
 TGGTCTGGTTCCAGCTTCGATGCATGCAAGTTGGCGGGAACGCAATGCTTCTTCTTCTCCACCAGC
 ATGGGTGTGCCACCAAGGACACCAACGCCAAGTACAACAGCCGTGCAGCTCAGCTCTACAGGAGAAAAAT
 CAAGACTCTGGCCACCCAGGCCACCCGACGGCACGGCACCGATCTGTGGTGGACAGCTGTGCAGCTCCA
 CCCGCATCCCCTCTCAAAGGAGGAGGACTTTTTGCCTCTCACGCCTCTCTGGAGGTCAGTGGTGCTA
 CGCAGGCATCTGCACAGCCAGAGCCAGCCTCGTCAACACCGTGGGGCTTGAAACTACTCCAGAAAAACA
 CGAAGGTGGGCCGGGACAAGGGCCAAGTGTGGAAGGGCTGAACACCCCTGGGAAGACTGCACCTGCAGAG
 GTTTCATCCATTAAAAAAGAAGCCAAATCAAGCAAAAAAGGACTTGGAGCAAAAAAGGAGCTTGG
 GAGCCAGAAACTGACAAATACATCCTTCACTGAGATCGAAAAGCAAGCTCAGGCTGTGGATAAGAGGAA
 GGAGCAGGAAGACCTGGCCAGGGGCACCCGAAGGAAGAGTCCATTGTTTCATCGTTGCGATTGGCCTAC
 AAGGATCTGGAATTCACAAGAAGCAAGATGAAAGACTGAACCTGAGTGGCCAGAAGAAGGCGGAAGCTG
 AGCGGCTGGGCATGGGCTTCGGAAGCTGCAGAGGTGGCATCTCCCACTCAGTGACCTCAGACATGCAGAC
 CATCGAGCAGGAGTCAACCACTGGCAAAGCCAAGGAGGAAGTACCAGGAGGCCAGAGGACTCGTAC
 TTCAGCTCCAGCTCCAAGTGGTCTGAGCAGAGCAGCAGCAGGACTTTGACGACCCCATGGAGCTAAGAA
 GCAGCCACTTTTCTAGCTGGGATGACAGTGGCGACTCTACTGGAAGAAAGACAGCAGCAGAGACCCTGA
 GCCTGCCACGAAAAGCACCGGCTCTTCAGACAGGCCAGTTCGCGCGGAAGCCAGAATACGAGCCCGTT
 GGCAATACAGATGAAGCCAGAAGAAGTTTGGCAATGTCAAGGCCATTTCTCGGACATGTACTTTGGCA
 TACAATCCAGACAGATTTTGAACCCGGGCACGGCTGGAGAGGCTCTCCACCAGCTCTCCATTAGCTC
 TGCAGATCTTTTCGATGAGCAGAGGAAGCAGACCACAGGAAACTACAACCTCTCGAACGTGCTGCCAAC
 GCCCAGACATGGCACAGTTCAAGCAAGGTGTGCGCTCCGTTGCTGGAAAACCTTCCGCTTTGCCAATG
 GGGTCATGACATCCATTCAGGATCGCTACGGCTCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001044273
- Insert Size:** 1578 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_001044273.1](#), [NP_001037738.1](#)

RefSeq Size: 2611 bp

RefSeq ORF: 1578 bp

Locus ID: 503165

UniProt ID: [Q4KLN7](#)

Cytogenetics: 7q34

Gene Summary: GTPase-activating protein (GAP) for ADP ribosylation factor 1 (ARF1). Hydrolysis of ARF1-bound GTP may lead to dissociation of coatomer from Golgi-derived membranes to allow fusion with target membranes (By similarity).[UniProtKB/Swiss-Prot Function]