

Product datasheet for RN210414

Arfgap1 (NM_145090) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arfgap1 (NM_145090) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arfgap1
Synonyms:	Arf1gap; Arf GAP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210414 representing NM_145090 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCAGCCCAAGAACCAGAAAAGTTCTTAAGGAAGTCCGGGCACAGGACGAGAATAATGTTTGCTTTG
AGTGTGGTGCCTCAATCCTCAGTGGGTACGCTGACCTATGGCATCTGGATCTGCCTGGAATGCTCTGG
GAGACACCGTGGGCTTGGGGTGCATCTCAGCTTCGTGCGCTCTGTGACAATGGACAAGTGAAGGACATT
GAACTGGAGAAGATGAAAGCTGGTGGGAATGCTAAGTTCGAGAGTTCTGGAGGCACAGGACACTATG
AGCCTAGCTGGTCACTGCAGGACAAGTATAGCAGCAGAGCTGCAGCGCTCTTCAGGGATAAGGTGGCTAC
TTTGGCAGAAGGTAAGAATGGTCTCTGGAGTCATCGCCTGCCCAGAAGTGGACCCACCTCAGCCCAAG
ACGCTGCAGTCACTGCCACCGACCCGCTGGCCAGCCACAGAATGTAACCTCTGGGACAAGGCTT
TTGAGGATTGGCTGAATGATGATCTGGTTCCTATCAGGGTGTCTCAGGAGAATCGCTATGTGGGTTTGG
GAACACAGTGCCACCTCAGAAGAGAGAAGATGACTTCCTCAACAGCGCCATGTCATCTCTGTACTCGGGC
TGGAGCAGTTTACCCTGGGGCGAGCAAGTTTGCCTGCAGCAAAGGAGGGTGTACAAAATTTGGAT
CTCAAGCAAGTCAAAGGCTTCGGAGTTGGGCCACAGCCTGAATGAGAATGTTCTCAAGCCTGCACAGGA
GAAGGTGAAAGAGGGAAGGATTTTGGATGATGTGTCCAGTGGGGTCTCTCAGTTGGCATCCAAGGTCCAG
GGAGTTGGCAGTAAGGGATGGCGTGATGTACGACCTTCTTTTCTGGGAAAGCTGAAGACTTTCAGACA
GACCTTAGAGGGCCACAGCTACCGAAGCAGCAGTGGAGACAAGTCTCAGAACAGCACCATAGACCAGAG
CTTCTGGGAGACCTTCGGGAGTGTGAGCCCCCAAGGCCAAGTCCCAAGCAGTGCAGCTGGACCTGC
GCAGATGCCTCAACGGGAAGGAGGAGCTCGACAGCTGGGACATTTGGGGCTCAGTTCTGCATCCAACA
ACAAGAACAGCAATAGCGATGGTGGGAGAGCTGGGAGGGAGCCAGTGGGAGGGGAAGGGCAAAGGCTAC
CAAGAAGGCAGCTCCATCTACAGCCGCCGACGAGGGCTGGGACAACCAGAAGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145090
Insert Size:	1248 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_145090.3</u> , <u>NP_659558.1</u>
RefSeq Size:	1862 bp
RefSeq ORF:	1248 bp
Locus ID:	246310
UniProt ID:	<u>Q62848</u>
Cytogenetics:	3q43
Gene Summary:	GTPase activating protein for ADP-ribosylation factor [RGD, Feb 2006]