

Product datasheet for **RN217143**

Arhgap28 (NM_001191815) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap28 (NM_001191815) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap28
Synonyms:	RGD1559882
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217143 representing NM_001191815

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGTGGAGGACTCGGGCGCGTGGTGTGACCCGCTACCACTCGCACGCGCGCTCGCAACCCGAGG
GCGCGGAGCCACGCTGCGCGTCCCGGGCGGCCATCCGCTCAGCAGAAAAATCCATTCTCGCTGCCGGAG
AATCAACAGGATGCTCTCCAATGAATCCCTCCATCCCCCACCTTTAGTCGCTCCAACTCTCAAGCCTCT
GTCGACAGCAGCACATCTGTGGAGGAGTTCTGGAAGAAATCTCGAGTATCAAAGAGAGCAGCATAGGGG
GACAGGAGGAGCAGTCGCCACTGCCCCACTGAGGTCAAACCTGTGGATGAAGGAGAATTGAAGCAGA
GTGGCTACAAGATGTGGATTGTCGACCCTGATCTCCGGTGACGAAGAGGAAGACGGTAAAGCCCTCTG
TCCACGTTGACTCGGACACAAGCAGCTGCAGTGAAGAAGAGATACAACACGTACACCCAGACTCTGAGGA
AAAAGAACAAGCAAGCCATCAGGGATGTCAGAGACGTCTTTGGAGTCAGCGAATCTCCTCTAGTGATTC
TTGTGAGCAGCTACTCAGTTGGACAGTACCAAGGAAGAGAAGGATCTGCCAGGCGTTACCAAGACAAGC
AGACCTCTGCCAGACGATGCTTCTCTCAATAGTACTACCTATCCAACGGTGCCAGGATGAAGAAGGTG
GTTTTGTGGCCCTCCAGAGTGGTTCCGTGTCAATACTTGAGGCTATCCCAGATATCCCCTTCATACCAA
TGGATCTGCAGACACTGAGCAGTCGGTTCAGCGTGGGCTGAGTGATGATTATCTAGAGAAGAACATT
CCACCAGAGGCTGAAGAGCTATCCTTTGAGGTGTCTTACTCAGAAGTGGTGACAGAGACCCAGACAGAA
ATAAATGGAAGAAGTCAGACATTAAGAAAGAAGACTATGTCTTACCTAAATTTATTGTTCCAGAAAACGAG
ATTTGGTTGACCGAGACGGGGACCTGTCTGCCGAAGACATGAAGAAAAATCCGCCATCTTTCTCTGATT
GAGCTGACGGCCTTCTTCGATGCTTTCCGGATAACAAGTGAAGAGAAAACAGAGAGAGTGAAGGGCC
GAGACAACGGGATTTTCGAGTGCCACTTACAGTCTCCTGGACAATGACCGGAAGAAGGACCTGCCGT
GAAAGTTCCCCTTGTTACAAAAATTTTTTCAGAAAGTGGAGGAATCAGGCTGGAATCGGAAGGAATC
TTTCGACTGTCTGGATGTACTGCCAAAGTCAAGCAGTACCGTGAAGAACTGGATGCCAGGTTCAACACTG
ATAAGTTCAAATGGGACAAAATGTGTCACAGAGAAGCCGCGGTGATGTTGAAAGCATTCTTCAGAGAACT
GCCACCTCTCTCTCCCATTGAATATATCCCTGCCTTCATCTCTCTGATGGAAGAGGACCTGACATC
AAAGTGCAGTTTCAAGCCTTACACCTCATGGTCATGGCCCTGCCTGATGCCAACAGGGACACAGCCAGG
CTCTGATGACATTCTTCAATAAAGTGATCGCAATGAATCCAAGAACCGCATGAGCCTGTGGAACATTTT
CACGGTGTGGCCCAACCTGTTCTTCAGCAGAAGCAAGCACTCCGACTGTGAGGAACTGCTGGTGGCC
AACACTGCAGCCACATCATCCGCTGATGCTGACGTACCAGAAAATTTGTGGAAGTCCCATCTTTCT
TGATACCCAAGTCAGAAGGATGAATGAAGCCACCATGCTGTTGAAGAAGCAGCTCCAAGTATGAGGAA
GCTACTCAGGAGAAAGACCCCTAGAGCGGGAGGTTTCAAACCCCAAGACCTCAAAGTACCACAAAATCA
CCTTCTCAAGAAGAATGTCTGATGTGCCAGAAGGTGTGATAAGGGTCCACGCTCCACTTCTGTCCAAA
GTGCCATGGCCATTGAGCTCAACAGTCAGACCAAGCCAAAGATATCCTGGCGAAGTTTTCAGTATGAGAA
CAGCCACGCTTTCATCTGACCGTATTAAGATGCAGAACCAAGGTTATACGAAGTTGGAGGAAATATAGGA
CAACACTGCTTAGACCCTGATGCATATATTGGATGTGTATCATGTAATCCTCATGCAGAATGGGTCA
TCAAGCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001191815

Insert Size:

2181 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_001191815.1</u> , <u>NP_001178744.1</u>
RefSeq Size:	3559 bp
RefSeq ORF:	2181 bp
Locus ID:	301709
Cytogenetics:	9q38