

Product datasheet for **RN211156**

Arhgap22 (NM_001107297) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap22 (NM_001107297) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap22
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN211156 representing NM_001107297
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTGTGCTGCTGCAAGGACTGGAGAGGACACCTGCGAGCGCCAAAGCGGTGCCGAGAGCGGG
 AGAAGGTGCCAGCAATCCTGAGGCGCTCCTGCTCATGGCCAGCTCCAGCGTGATATGGAGGACTGGGT
 GCAGGCCATCCGCCGAGTCATCTGGGCCCGCTGGGCGGAGGGATCTTTGGGCAGCGACTGGAGGACACA
 GTGCACCATGAGCGGAAGTTTGGTCCCCGGCTGGCACCTCTGCTGGTGGAGCAGTGTGTGGACTTCATCC
 GGGAGCGAGGACTCAGTGAAGAGGGGCTTTCCGTATGCCCGGCCAGGCCAACCTGGTGAGGGACCTGCA
 GGATTCCTTCGACTGTGGGGAGAAGCCGCTGTTTGACAGGTTTCTGGATGAAGTGCAGGCCCACTCAGAC
 GTCAACAAGATGAGCGTCCAGAACTTGGCAACTGTCTTTGGCCCTAACATCCTCCGGCCACAGGTGGAGG
 ATCCAGTCACCATCATGGAAGGCACATCTTTGGTTCAGCATCTGATGACTGTCTCATCCGAAAACCGG
 ACAGCTCTTTGCCAGCCCTCCTTTGAAGAACCCTGCTTACCACGTGGTACTGTCCAGGGCACAGTAGAG
 TGGGGCTCTGAAGAGGTACCAGAGACCACCAGGGCGAGCCTGGGAGCTCTGGCTTGCCACACACAGGA
 CTTCTCTCTGGATGGGCCAGCTGCAGCAGTGGCTCTCTAGAACTTCTCCGCCACGCCCTTGGCAGCCAAGC
 CGGCCCTGCGGCCACCAGCCCTGGGAAGAGGATGCATACTTTGCCTGGCTGGAAGTCTTCTTTTCGGCAG
 CAGGGGTCCCCTCAGAGAGCCAAAGGGGGTCCAGTCTCCTTAGAGGTACCCATCATCTCCTCTGGTG
 GAACTGGCTCATAAACGGGCTATCGTCTCTTCGCAGCCACCGTCGGGCCATCAGGGGACCGGCTTAA
 GGATACAGGCTCAGCACAGAGACTCTCCACCTATGATAACGTGCCACCATCCAGCCACCTTTCTAGCACT
 GCCAGCGTGGCCAGCACGGCATGGTCTGTAGCCTCATCTCCCGAGAGGCCTCCATCGGCAGCTGCACTG
 CTTGCCGGCCAGCAACTCTTCTGCCTGCAGCTCCTTACACACTGAGTGGGCACTCGAGCCCTCTCCTCT
 CCCAGCAGCAGTGAAGGCCACCCGTCGCCGACCTGGGCCACAGCTTGGATGAGGCATGTGTGGGCACT
 GGCAGCAGTGAAGCCAAATGACCCGGCAGTCCCTCACAGGCCATGTTCCGCCGCTGCCGGCTCTCCAGG
 GCCAGGTGGCCGAGCTCAGGGCGGAGCTGTGTACCAGAGGATTGAGTACCAGAGGAGCCTGAAAAGCAT
 CGAGGAGGGCAATTCTGACCTGCGGAAGCAGATGTGTGCGTTGGAAGAGGAGCTGGACCAGGAGAAGAAG
 AAGTATGCCATGCTGGAGATCAAGCTTCGGAACCCGAGCGAGCAGTGAGGACGCAGAGCGCAGGAACC
 AGTTGCTCAGAGGGAGATGGAGGAGTTCTTCGCCACCCTGGGAAGCTTGACTGCTGGGACCAAAGGGGC
 CAGAGCCCCAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107297

Insert Size: 1626 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_001107297.1](#), [NP_001100767.1](#)

RefSeq Size: 2086 bp

RefSeq ORF: 1626 bp

Locus ID: 306279

Cytogenetics: 16p16