

Product datasheet for **RN205608**

Arhgap25 (NM_001109247) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap25 (NM_001109247) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap25
Synonyms:	RGD1562105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205608 representing NM_001109247
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCAAGTTGCCAAGGAAGTGGGATTTCAACTTAAAAGTGGAGACTGTGAAAATAGCTCGGTGCGA
 GGAGCGTGATGACTGGGGAGCAGATGGCGCCTTCCACCCACCAACCCTCCCAACCCCTGGAAAAGGCC
 AATTAAGATGGGCTGGCTGAAGAAGCAGAGTCCATTGTGAAAACTGGCAGCAGCGGTATTTGTGCTG
 AAAGCTCGGCAGCTCTACTACTACAAGGACGAAGAGGACTCAAAGCCACAGGGATGCATGTATCTGCCAG
 GCAGCACAGTCAAAGAAATCGCCACAAACCCGGAAGAAGCTGGGAAATTTGTCTTTGAAGTTATTCCAGC
 CTCAGTGACCAGAACCCTGACTGGACAAGACTCCTATGTCCTCATGGCCAGCTCCAGGTAGAGATGGAG
 GAGTGGGTTAAGTTCCTCAGGAGAGTTGCTGGCACACCCTCTGGAGCGGTGTTTGGCCAGCGTCTGGATG
 AGACTGTGGCCTATGAGCAGAAGTTTGGCCCTCACCTGGTGCCCATCTGGTGGAGAAGTCTCGGAGTT
 CATCTGGAGCATGGTGTGAGTGAAGAGGGCATCTTCCGCTTGGCGGGCAGGACAACCTGGTGAAGCAG
 CTGAGAGATGCTTTCGATGCGGGGGAGCGCCCTCCTTTGACAGGGACACAGATGTGCACACGGTGGCCT
 CTCTATTAAGCTCTACCTCCGAGACCTGCCAGAGCCTGTGGTTCCTTGAGCCAGTATGAGGGTTCCT
 GCTCTGTGGACAGCTCACCAACGCAGATGAGGCCAAGGCTCAGCAGGAGCTGGAGAAGCAGCTTTCATT
 CTCCCCGTGACAACCTACAACCTCCTGAGCTACATCTGCAGATTTCTGCATGAAATCCAGCTGAAGTGTG
 CCGTCAACAAGATGAGCGTGGACAACCTGGCCACTGTGATCGGTGTGAACCTCATCAGGTGGAAGTTGA
 AGACCCCGCTGTGATCATGAGAGGAAGTCTCAGATCCAAAGAGTGTGACCATGATGATCAGAGACCAC
 GAAGTCTCTTCCCAAGTCTAAGGATGCACCAGTGTACCCCTGCCAGAAAAACGATGCCAAGAAGG
 CTCCAGTGCCCGAAGCTCTGTGGGATGGGACGCCACCAGAACCCACCCTTTCTAGGACGGACAGCTT
 CAACAACACAGCAAGTAGCCCTGATGCCACCAGCCCCTGAGACCACAGCCAGGTGACCAGCATCAGGAA
 GATAGTGGAAAAGCCCCAAGGAAAACCCAGGAGACTGGAAGATGCAATCCCGTAAAAGGACTCAAACGC
 TCCCCAACCGAAGTGTTTCTGACATCCGCATTCGAAGCACCCTAGCAGCAAATGGAAATCTTTAA
 AAATGAGTTCTGGTCTCCATCTCAGAGGCTAAGGCAGGAGAAGGGCACAGGAGAATATGTCTCAAGAC
 TTGCGCCACCTTCCAATGACCAGAGGACTTCTACCTATGATAATGTCCCAACCCACCAGTGTCCCAAG
 GGAACCCAGCAGGTGAAGTCTCTCCCTGCCAGTACTAAGAGAGATGCTCTGTGAGCAGACTC
 TGAATGGAGTCTGGAAGCAAGAACTCTGGCGAGGAAGACCCTGATTCTTTGAGAGGACCGTCCAGCAC
 CTGCAAAAAGGAAATAGAAGCTCAGAAGCAGATGTATGAGGAACAGATTAACCTGGAGAAGGAAATTT
 ACGATGTCTGGGCTAAGGTGGTGAAGCTCAATGAAGAAGTGGAGAGGGAGAGGAAGAAATTCGCAGCCCT
 GGAATACGCCTTCGAAATGTGGAGCGCTCCCGAGAGGACGTTGAGAAGGGAACAGAGTCTTGGAGAA
 GAAGTCAAGGAGTTGTGAAATCAATGGAGAAGTCCAAGACGAAGACCGATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109247
- Insert Size:** 1947 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_001109247.1](#), [NP_001102717.1](#)

RefSeq Size: 3412 bp

RefSeq ORF: 1947 bp

Locus ID: 500246

Cytogenetics: 4q34