

Product datasheet for **RN204908**

Agap1 (NM_001108230) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agap1 (NM_001108230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Agap1
Synonyms:	Centg2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204908 representing NM_001108230
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGGTGGACGCGGTATCTTTGTCTTCAGCTTGGAGGATGAGATCAGTTTCCAGACCGTCTACCATT
 ACTACAGCCGAATGGCCAACTACAGGAACACCAGTGAGATCCCATTAGTGCTGGTGGGACCCAGGACGC
 CATAAGTTCCACCAACCCGAGGGTCATCGATGACGTGAGGCTCGGAAGCTCTCCAATGACCTGAAGCGG
 TGCACGTAATGAGACGTGCGCCACCTATGGGCTCAACGTGGAGCGGGTCTCCAGGACGTTGCCCAGA
 AGATTGTTGCCACGAGGAAGAAGCAGCAGCTGTCCATAGGCCCTGCAAGTCCTTACCCAACCTCCAAG
 CCCTCTCTGTGTCTGCCAAGTGTCCGAGTACACATCAGCCAGACAAGTAACGGAGGTGGGAGT
 TTAAGCGACTACTCATCTCTGTCCCTCGACCCCAAGCACCAGCCAGAAGGAGCTTCGGATCGACGTCC
 CTCCACTGCCAACACTCCAACGCCCTCGGAAGCAATCCAAGCGCAGGTCCAACCTATTCACATCTAG
 GAAAGGGAGCGACCCAGACAAAGAGAAGAAAGGCTGGAGAGCCGCGGACAGCATCGGGAGCGGGCGA
 GCCATCCCAATTAACAGGGCATGCTCTGAAAAGAAAGTGGCAAGTCACTAAACAAGAGTGGAAAAAGA
 AGTACGTACCCCTATGCGACAATGGTGTGCTGACCTACCACCCAGTTTACATGACTACATGCAGAACGT
 CCATGGCAAAGAGATAGACCTCTTGAGAACCACTGTGAAGGTGCCGGGAAGAGGCCGCCCGAGCCACA
 TCAGCCTGTGCGCCGATCTCCAGTCCAAAACCAATGGCTGGCCAAGGACATGAGCAGTTTACACATCT
 CACCAATTACAGTAAGCTCACAGCTGCGTCTGGGTCTCAGATGGCAAGCGGCATCAGCCTGGTCTCCTT
 CAACAGCCGACCCGATGGCATGCACCAGCGCTCTACTCAGTCTCCAGTCCGACCCAGTGGAGTGACGT
 ACAGTCATTGCAAACACTCAGCCATCAGCAGTGAGCAAGAAGAAAAGTTGGAGTTTATCATTGTGTCCCTCA
 CTGGCCAGACGTGGCACTTTGAAGCCACCACATACGAGGAGCGAGACGCATGGGTCCAAGCCATCGAGAG
 CCAGATCCTAGCCAGCCTGCAGTCTGTGAGAGCAGCAAGAATAAGTCCCGACTCACCGCCAGAGCGAA
 GCCATGGCACTGCAGTCAATCCGTAACATGAGAGGGAAGTCCGACTGCGTGGACTGTGACACCCAGAACC
 CCAACTGGCCAGTTTGAAGTGGGAGCCCTCATGTGTATCGAGTGTCCAGGGATCCACCGGAATCTCGG
 CACCCACCTCTCTCGGGTCCGATCGCTCGACCTCGACGACTGGCCATGGAGCTGATCAAGGTGATGTCC
 TCCATCGGGAATGAGCTGGCCAACAGCGTGTGGGAAGAGGGCAGCCAGGGACGGACAAAGCCCTCGTTGG
 ACTCCACCAGGGAAGAAAAGGAACGGTGGATTCCGGCCAAGTATGAGCAGAACTCTTCTGGCCCCACT
 GCCATGCACAGAGTTCTCCCTGGCCAGCAACTGCTACATGCCACTGCTGAGGAAGACCTCGGACTGTC
 ATCCTGCTTCTGGCACACGGGTACGGGATGAGGTGAATGAGACCTGTGGGAAGGAGATGTCGCACGG
 CCCTGCACCTGGCTGCCGCAAGGGCAAGTGGTCTGGTTACAGTGTGATCTGGTACGGGGTGGACGT
 CATGGCCCAGACGCCACGGGAACACAGCACTGGCCTATGCCCGTCAGGCCCTCCAGCCAGGAGTGTATC
 GACGTGCTTCTACAGTATGGCTGCCCGACGAGCGCTTTGTGCTCATGGTACCCCAACCTGTCTAGAA
 AGAACACAGCAGGAACAACAGTAGCGGCAGGGCGCCAGTGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108230

Insert Size: 2010 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_001108230.1](#), [NP_001101700.1](#)

RefSeq Size: 4330 bp

RefSeq ORF: 2010 bp

Locus ID: 316611

Cytogenetics: 9q35-q36