

Product datasheet for **RN216997**

Ahcyl2 (NM_001173510) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ahcyl2 (NM_001173510) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ahcyl2
Synonyms:	RGD1564895
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216997 representing NM_001173510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGTGCAGGTTGTGTCAGCAGCGGCTGCCGCCAAGGTGCCTGAGGTGGAGCTGAAGGATCTGAGCC
 CCTCTGAGGCGGAGCCTCAGTTAGGACTGAGCACGGCGACCGTGGCGCCATGGTACCCCGAGCGGGTGG
 CGGGGACCCAGAGGCTCCAGCTCCAGCTCCCGCGGCAGAGCGGCCCGGCCCTGGCCCGGCTCGGGG
 CCCACCGCGGCTCTCAGCCCTGCGGCAGGGAAGGTCCCTCAAGCGTCGGCCATGAAGCGGAGCGACCCTC
 ATCACCAGCACCAGCGGCATCGCGACGGCGGAGGCCCTGGTACGCCCCGACGGCACGGTACCAGAGGC
 GCCCGCACGGTCAAGAAGATTCAGTTTGTGACCAGAAGCAGGAATCAACAAACGTCCCACAAAATT
 GGACGTCGCTCTTTGTCTCGTTCATCTCTCAGTCATCTACTGACAGCTACAGCTCAGCTGCCTCATACA
 CAGATAGCTCTGACGATGAAACATCCCCAGGGACAAGCAGCAAAAGAACTCTAAGGGGAGTAGCGACTT
 CTGTGTCAAGAACATCAACAAGCAGAGTTTGGACGCAGAGAGATTGAAATTGCTGAGCAAGAGATGCCT
 GCCTTGATGGCTTAAGGAAGAGAGCCCAAGGAGAAAAGCCTTTGGCTGGAGCCAAAATCGTGGGTTGTA
 CGCACATCACTGCTCAGACGGCTGTACTTATGGAGACTCTGGGTGCTCTGGGGGCACAGTGCCGATGGGC
 TGCTGCAACATCTACTCCACTCTCAATGAAGTGGCTGCTGCTCTCGCAGAAAGTGGGTTTCCCCTCTTT
 GCCTGGAAGGAGAGTCAAGAAGTACTTTTGGTGGTGCATTGACAGATGCGTGAATGTGGAAGGTTGGC
 AGCCAAACATGATCTTGGATGATGGAGGAGATCTTACTACTGGATTTATAAAAAGTATCCCAACATGTT
 TAAGAAAATCAAAGGCATAGTTGAGGAGAGTGTACTGGAGTCCATAGGCTGTACCAACTGTCCAAAGCT
 GGAAGCTGTGTGTTCCAGCCATGAACGTCAATGACTCAGTCACTAAACAGAAATTTGATAACCTCTACT
 GTTGCCGTGAATCTATCCTTGACGGACTTAAAAGGACAACAGATATGATGTTTGGTGGAAAGCAAGTGGT
 GGCTGTGGCTATGGAGAGGTAGGAAAGGGGTGCTGTGCTGCTGAAAGCCATGGGTCCGTCGTGTAC
 GTAAGTGAATGATCCCATCTGTGCCCTGCAAGCCTGTATGGATGGATTTGACTAGTGAAGCTAAATG
 AAGTCATCCGGCAAGTGGACATTGTTATTACTTGTACAGGGAACAAGAAGTGGTAACCAGAGAGCACTT
 GGACCGTATGAAGAATAGCTGCATCGTTTGAACATGGGACATCCAAACTGAGATTGATGTGGCCAGC
 CTGCGGACCCAGAACTGACCTGGGAGAGAGTAAGATCCCAAGTTGACCATGTGATATGGCTGATGGCA
 AGAGGATAGTACTGCTGGCAGAGGGCCGCTGCTGAATCTCAGCTGCTCCACAGTGCCTACCTTTGTGCT
 CTCAATCACCGCTACCACTCAGGCTCTCGCCTTGATAGAATTTACAACGCTCCTGAGGGTGCCTATAAG
 CAAGATGTGTACCTGCTGCCAAGAAGATGGATGAGTATGTGGCAAGCCTACACCTGCCACCTTTGATG
 CCCACCTGACAGAGCTGACAGACGAGCAAGCAAGTATCTGGGACTCAACAAGAATGGACCCCTCAAGCC
 TAATTACTACAGGTATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001173510
- Insert Size:** 1839 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:

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_001173510.2](#), [NP_001166981.2](#)

RefSeq Size: 5040 bp

RefSeq ORF: 1839 bp

Locus ID: 312192

Cytogenetics: 4q22