

## Product datasheet for **RN214768**

### **Acot12 (NM\_130747) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Acot12 (NM_130747) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acot12
Synonyms:	Cach; rACH
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214768 representing NM\_130747  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACCGACAGTGGCTCCCGCGAGGTGCTCATGAGCCAGGCCATCCAGCCTGCGCACGCCGACTCGC  
 GCGGCGAGCTGAGCGCCGGCAACTACTTAAGTGGATGGACACCACTGCCTGCCTGGCCGCTGAAAAGCA  
 TGCTGGGATTTCTGTGTACAGCCTCAATGGATGACATTCTGTTTGAGGACACGGCTAGAATTGGACAG  
 ATTGTTACCATCAGAGCAAAAGTACTAGGGCGTTGAGCACAAGCATGGAGATCAGTATCAAGGTCAGAG  
 TCCAGGACAAGTTCCTGGCATCCAGAAGCTCCTCTGTGTGGCTTCTCGACATTTGTAGTTAAACCGCT  
 CGGCAAGAAAAGTTCACTTGAACCTGTTCTGCTTCAAACGGAGCAAGAGCAAGTGGAGCACCGTCTG  
 GCCTCCGAGAGGAGAAAGTCCGGTTACAGCATGAGAACACCTTCAGCAACATTATGAAGGAAAGCAACT  
 GGCTCAGGGATCCCGTTTGAATGAAGAGGAAGGAACGGCCACCACCATGGCCACCTCTGTCAGAGCAT  
 TGAGCTTGTCTCCACCCACGCAACCACCACGGAAACACATTTGGCGGGCAGATCATGGCGTGGATG  
 GAGACAGTCGCAACCATTTCCGCAAGCCGCTGTGTATGGGCATCCCTTTCTGAAGTCCGTGGATATGT  
 TTAATTCGGGGACCGTCCACAGTTGGGGACCGCTTGTCTTCAATGCCATCGTCAACAACACCTTTCA  
 GAACAGTGTGGAAGTTGGCGTACGTGTTGAGGCCCTTGTACTGTGCGGGAGTGGGCCGAGGGCCAAGGCCG  
 CACATCAACAGCGCTTTTCTCATTTACAATGCTGTTGATGACCAGGAGGAATCATCACCTTTCCAGAA  
 TCCAGCCCATTTCAAAGGATGATTTTCGACGGTACCAGGGAGCTATTGCACGGAGGAGAATTCGCCTGGG  
 CAGGAAATATGTTATTTCCACAAGAAAGTCCCACTTGGCACACAATGGGATATAAGCAAAAAGGGA  
 TCCATAAGTAACCAATGTGGAAGCTCTCAAAAATCTGGCATCCAAAAGCGGTTGGGAGATCACCACCA  
 CCTTGGAGAAGATAAAAATATACACTGGAAGCAAGATGCCATATCTGTAAGGTGGAAAAACAGGT  
 TGGAAAGTCCAGCCCGCTGGCTTATCATCTCTTGTCCGACTTCACAAAGCGCCCTTTATGGGACCCCAT  
 TACATATCTTGTGAAGTCATAGACCAGGTGAGTGGAGCAGTATAGATATATTACATCACCTGCTCGGTGG  
 TAAATGGAGACAAACCAAGGACTTCGTAGTACTTGTGTCACAAAGAAAGCCCTCAAGGACGACAAAC  
 CTACATCGTGGCACTAATGTCAGTGGTACTGCCGTCTGTCCTCCATCTCCACAGTACATCAGAAGCCAG  
 GTCATTTGTGCTGGTTCCTCATCCAGCCTGTCGACAGCAGTTCGTGCACTGTAGCATACCTGAACCAGA  
 TGTCAGACAGCATCCTCCCTTACTTTGCTGGCAATATTGGTGGCTGGTCAAAATCCATTGAGGAAGCTGC  
 AGCCTCTGTATAAAATTCATAGAGAACGCCACTCACGATGGACTTAAAAGTGTGTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_130747

**Insert Size:** 1671 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\\_130747.1](#), [NP\\_570103.1](#)

**RefSeq Size:** 1725 bp

**RefSeq ORF:** 1671 bp

**Locus ID:** 170570

**UniProt ID:** [Q99NB7](#)

**Cytogenetics:** 2q12

**Gene Summary:** acetyl-CoA hydrolase found in cytoplasm [RGD, Feb 2006]