

Product datasheet for **RN216976**

Acot11 (NM_001271383) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acot11 (NM_001271383) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acot11
Synonyms:	Thea
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216976 representing NM_001271383
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATACAGAATGTGGCAACCACTTACGAAGGGGCTTCGCCTCTATGTTCTCTAGTCGGACATCCCGGA
 AGTCAGTCTCTCATCCGGAGTCCGGAGACGCTTCCGCCATGGCAGAGGGTGAAGGCTACCGAACCCAC
 GGAGGTGCAGATGAGCCAGCTGGTGTGCCTGCCACACTAACCCCGTGGGAGCTGAGCATTGGGCAG
 TTGCTCAAATGGATCGACACCACAGCCTGCCTATCAGCGGAGAGGCATGCTGGCTGTCCCTGTGTACAG
 CCTCCATGGATGACATCTACTTCGACCATACCATTAGTGTGCGCCAAGTGGTGAATATCAAGGCCAAGGT
 GAACCGGGCCTTCAACTCCAGCATGGAGGTAGGAATCCAGGTGGTCTCTGAAGATCTGTGCTCTGAGAAA
 CAGTGGAGTGTCTGAAGGCCTTGGCCACCTTCGTGGCCACCGGGAGCTCTCAAGGTGAAGCTGAAGC
 AGGTTGTCCATTGACGGAGGAGGAGAAGACCGAGCATGGGTGGCGGCTGAGCGCCGGCGTATCGACT
 GGTCTACACAGACACCATCAAGGATCTCCTAGCTCACTATGCCATCCAGGATGATCTGGACAAGGACTGC
 AGCAATATGGTGGCAGCCGAGAAGACCCGGGTGGAGAGTGTGAACTGGTGTGCCTCCTCACGCCAATC
 ATCAGGGCAATACCTTTGGGGCCAGATCATGGCTGGATGGAGAACGTGGCCACCATTGACGCCAGCCG
 GCTCTGTGCATGCCACCCTACACTCAAGGCCATCGAGATGTTCCATTTCCGAGGCCCATCTCAGGTGGGG
 GACCGTCTGGTGTCAAGGCCATCGTGAATAATGCCTTCAAGCATAGCATGGAGGTGGGTGTGTGTGTAG
 AGGCTTACCGCCAGGAGGCTGAGACCCAGCGCCGGCACATCAACAGCGCCTTCATGACTTTCGTGGTCT
 GGACAAAGATGACCAGCCTCAGAAGCTGCCCTGGATTTCGTCCCGCCTGGGGATGGTGAACGGCGATAC
 CGAGAGGCCAGTCCAGGAAGAAGATCCGCCTGGACAGGAAGTACCTTGTGTCTGTAAGCAGGCGGAAA
 TGGCCCTGTCTGTTCCCTGGGATCCTAGCAACCAGGTATACCTGAGCTATTACAACGTGTCCTCTCTGAA
 GACGCTTATGGCCAAGGATAAAGTGGTGTCTGTGTGGAGATCAGTGAGGTTTCGCCTGTACATCCTGGAA
 GAGGAGTTCCTGTCTTTCACTTGGAGATGGTGGTAAATGTGGATGCCGCCAGGTCTTTTCACTGCTCT
 CAGACCTGAGCAGAAGACCAGAGTGGGACAAGCATTGCCGGAGTGTGGAGCTAGTGCAGCAAGTGGATGA
 GGATGACGCCATCTACCATGTGCATCAGCCCTACCCTGAGTGGTAACACCAAGCCCCAAGACTTTGTGATC
 CTGGCCTCTAGGAGGAAGCCTTGTGACAGTGGGACCCCTACGTCATTGCCCTGAGGTCTGTACACTGC
 CCACGCACCGTGAGACACCGAATATCAACGTGGGAGACTCTCTGTTCAAGGCTTCTGTTGTGGCGTGA
 GGGGGACCAGTCGACTAAGGTTTCTACTATAACCAGGCTACCCCTGGTTTTCTCAACTATGTGACCACC
 AATGTGGCTGGCCTGTCTCGGAGTTCTACAACACTTTCAAGGCTTGTGAGAGTTTCTGTTGGACAACC
 GGAAATGACCTGGCCCCAGCCTCCAGACCTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271383
- Insert Size:** 1785 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_001271383.1](#), [NP_001258312.1](#)

RefSeq Size: 2052 bp

RefSeq ORF: 1785 bp

Locus ID: 100363074

Cytogenetics: 5q34