

Product datasheet for **RN205121**

Acot9 (NM_001013960) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acot9 (NM_001013960) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acot9
Synonyms:	Acate2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205121 representing NM_001013960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCGGGCAGCGATCGCTTTGGACCTTGAACAAGGGGCTTCTTACACATGGCAGAGGACTGGCTT
 ACGGATCTGAAAACAAAATATGTAACCTTTACACATACAGGAAGTTCGAAATAAGCTGCGGAGATCGT
 AGGCGTATCCACAATCTGGAGAGACCATGTAAAAGCAATGGAGGAAAGGAAGTACTTCATAATTTTTTG
 GCTACATCACAGAAAGCCCTACCACCGAGGAAAATGAAGGACAGTTACATTGAAGTCTCTGCCTTTGG
 GTTCTGACCTGATCTACGAGACAAATATTTGACTGTTCAAAATACAGTGAGATTTGGCAGGATTCTTGA
 GGACCTTGATAGCTTAGGAGTCTTGTGGTACATGCACAACCAAAATCATTCTACCAAGATGTCTCCA
 TTATCAATCGTTACAGTCTGGTGGACAAGATTGATATGTGTAATACAGCTTAAGCCCTGAACAGGACA
 TTAAGTTCAGTGGCCATGTTAGCTGGGTTGAAAGACTCCATGGAAGTGAAGATGAAAATGTTTCAGAT
 GCACAGTGATGATAAATTTGGCCTGTTTGGATGCAACCTTTGTAATGGTGGCTCGAGATTCTGAAAAT
 AAAGGGCCTGCATTTGTAATCCACTTGTCTGAAAATAAAGAAGAAGAAGAACTATTACACAAGGAG
 AATTGAACAAGAGCCGAAGGATTGCTTTTAGCACCCTTCACTTACTGAAAGTAGCTCCTAATTTCTGAGGA
 GAGGAATGTCATACATGAAGTCTTCTTAACACACTGGATCCAAAGACTATAAGTTTTGAGATCGAATT
 TTGCTCCTAAGGCAGTGTGGATGGAGGATACAAAACCAAGAGCTTGGATATTTGTCCACCTCAGGAGC
 GAAACATTTTCAATAGGATTTTGGTGGTTTTCTTATGAGAAAAGCATATGAAGTTCATGGGCTACAGC
 TTGTAGTTTTGGTGGTCCCGGCCATATGTGGTAACAGTAGATGATATCATGTTTCAGAAACCTGTTGAA
 GTTGGCTCATTGCTCTTCTTTCTTACAGGTATGCTTCAACCCAGGACAATTACATTCAAGTCAGAGTCC
 ATAGTGAAGTGGCCTCTCTTACAGTCTGAGCATATGACCACCAATGTCTTTTACATTTACATTCATGTC
 AGAAAAAGAAGTACCCTTGATTTTCCCAAAACATATGGAGAGTCCATGTTGTATTAGATGGACAGCGG
 CATTTCAGTCCATGAGTACCCAGTGATCTTGAAAAAGAACTACTGTGGAGCCCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001013960

Insert Size: 1320 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_001013960.1, NP_001013982.1

RefSeq Size: 1698 bp
RefSeq ORF: 1320 bp
Locus ID: 302640
Cytogenetics: Xq21