

Product datasheet for **RN201259**

Acot4 (NM_001109440) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Acot4 (NM_001109440) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Acot4
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201259 representing NM_001109440
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGACGCTGAGCCTGGAGCCCGCCGGCCGACGCTGCTGGGACGAGCCGCTGAGCATCACGGTGC
 GCGGCCTGGCCCCGAGCAGCCCGTCACGCTGCGCGCCCGCTGCGCGACGAGAAGGGCGCGCTCTCCG
 AGCCACGCGCGCTACCACGCGACTCCACGGAATGCTGGACCTGGCGCGCGCTCCCGCGCTGGGCGGC
 AGCTTCGCGGGGCTCGAGCCATGGGGCTGCTCTGGGCTATGGAACCCGAACGGCCTTTCTGGCGTCTGA
 TCAAGCGCGACGTGCAGACGCCCTTCGTGGTGGAGCTGGAGTGTGGACGGACACGAGCCCGACGGCGG
 ACAGCGGCTTGCACGGGGCGGTGCACGAGCGTCACTTCATGGCTCCCGGGGTGCGGCGCGTCCCGTGGC
 GAGGGCCGGGTGCGCGCCACGCTCTTTCTGCCTCCAGGACAAGGACCCCTTCCAGGGATCATCGATGTCT
 ATGGTGTGGAGGGGCCTATTGGAATACCGAGCCAGCCTTCTGGCTGGTTCATGGCTTTGCCACATTGGC
 TCTGGCTTTTTATGGCTTTGAAGATCTCCCTAAAGAGTTCAATGTCATAGAAGTGGACTACTTTGAAGAA
 GCAGTGTGCTACATGCTCAACACCCGAAGGTAAGGAGCCAGACATTGGACTTCTGGGTCTTCTCTAG
 GAGCTGATGTTTGCCTGATCATGGCTTCTTCTTGAAGAATGTTTCAGCCACAGTTTCCATCAATGGCTC
 TGCATTCAGCGAAACAGATACATACACTACAAGCAGACTATGATTCCACCATTGGCCATGACCTGAGG
 AGAACGAAGGTGGCTTTCTCAGGCACTTGGACATTGTGGATATACGGAATGACGCTGTAGGAGGCTGTG
 AGAACCCAGCATGATACCAATAGAGAAGGCCAAGGGGCCATCTCTTTGTTGCTGGTCAAGGATACCA
 TTGCTGGAGGAGTGAGTTATACACTCAGATAGCCTCGGAACGGTTACAGGCTCACGGAAGGAGAGGCTC
 CAGATAATCTCTTACCCTGGGACTGGGCATTACATCGAGCCACCTTACTTCCCCATGTGCCAGCTTCCC
 TGCACAAAATAGTGAACAAAGCTGTGGTCTGGGGAGGGGAGGTCAAGGCTCACTCAAAGCCAGATAGA
 TGCATGGAAGCAAATCTATCTTCTTTGGCAAACCTGGACAGTACTACAACAGAGCCTCTGCAGA
 TTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001109440
Insert Size:	1266 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:	<ol style="list-style-type: none">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:	<u>NM_001109440.1, NP_001102910.1</u>
RefSeq Size:	2561 bp
RefSeq ORF:	1266 bp
Locus ID:	681337
Cytogenetics:	6q24