

Product datasheet for **RN212396**

Acot3 (NM_001108041) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acot3 (NM_001108041) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acot3
Synonyms:	RGD1564089
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212396 representing NM_001108041
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCACGCATTTACCACCCAGAACCGGATGGCACCCACAGTGATCCTGGAGCCCGCGGTTGGCTGCCTTT
 GCGACCAGCCGGTGACATCACCGTGCGCGGCCTGGGCCCGAGCAGCCCGTCACGCTGCGCGCGGCCCT
 GCGCGACGAGAAGGGCGCGCTCTTCCGAGCCACGCGCGCTACCGCGCCGACGCCATGGAGTGCTGGAC
 CTGGAGCGCGCGCCGCGCTGGCGGCAGCTTACCGGGCTCGAGCCCATGGGGTGATCTGGGCCATGG
 AACCCGAACGGCCTTTCTGGCGTCTGGTCAAGCGCAGCTGCAGACGCCCTTCGTGGTGGAGCTGGAGGT
 GCTGGACGGACACGAGCCCGACGCGGGCGGCTGCTGGCGCAGGCGGTGCACGAGCGTCACTTCATGGCT
 CCCGGGGTGCGGCGCTGCCGTGCGCGAGGGCCGGTGCGGCCACGCTCTTCTGCCCCAGGGAATG
 GATCCTTTCTGGAATCATAGACCTTTTGGACTTGGAGGCGGCCTTCTGGAGTACCGGGCGAGTCTGCT
 GGCTGGGAAGGGCTTTGCCGTCTGGCTCTGGCTTATTACAACACGACGACCTCCCAAGGACGTGGAC
 ATTATCCACCTGGAGTACTTTGAGGAAGCGGTGAACCTACCTGCTCAGTACCCCTCAGGTAAAAGGTTTCAG
 GAGTTGGGGTGCTTGGCATTTCGAAGGGGGTGAACCTGGCTTTGCCATGGCCACCTTCCTGAAAAATAT
 CACAGTGCTGTCAATTATCAATGGCTCTGTAGCCAACGTCGGTGGAACTTACAGTACAGGGATGAGACC
 ATACTCCCGGTGGGATGAGCACCACGAATCAAGAGGATCAAAGATGGCCTCAAAGACATTGTGGATG
 CCCTGAACAATCCTCTGGAAGGAGCTGACCAGAAGAGCTTGATCCCTGTGGAAAGGTCTGACACAACCTT
 CCTGTTCTCGTTGGTCAAGATGACCACAAGGAGAGTCTATGCCAGAGAGGCTCCAAACGC
 TTGCAGGCCCATGGGAAGGAGAAGCCCCAGATCATCTGTTACCCAGAGACAGGCCACTATATTGAGCCTC
 CTTATTTCCCTTGTGTAAGGCTTCCCTGCACAGCCTGGTGGGCGGTCTGTCTATCTGGGAGGGGAGCC
 CAGGGCTCAGCCATGGCCAGGTTGATGCTTGGCAGCAACTCCAGACTTTTTTCCACAAACATTGGGT
 GGGGAAAAGAAGACAATCCAGCAAACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108041

Insert Size: 1293 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_001108041.1, NP_001101511.1

RefSeq Size:	1964 bp
RefSeq ORF:	1293 bp
Locus ID:	314304
Cytogenetics:	6q24