

Product datasheet for **RN212037**

Acot5 (NM_001079709) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acot5 (NM_001079709) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acot5
Synonyms:	RGD1565917
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212037 representing NM_001079709
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTGCCAGTAGTGAGCCTGGAGCCCCACAGCCACAGTTGCTGGGACGAGCCCCCTAAGCATTACTGTGC
 GTGGCCTGGCCCCGAGCAGCCTGTCACTACACTCGGCCCTGCGCGACGAGAAGGGCGCGCTCTCCG
 AGCCACGCGCGCTACCGCGCTGATGCCACGGAGAGCTGGACCTGGAGCGCGCGCCCGCTGGCGGGC
 AGCTTCACGGGGCTCGAGCCCATGGGGCTGATCTGGGCCATGGAACCCGAACGGCCTTTCTGGCGTCTGG
 TCAAGCGCGACGTGCAGACGCCCTTCGTGGTGGAGCTGGAGGTGCTGGACGGACACGAGCCGGACGGTGC
 GCGGCTGCTGGCGCAGGCGGTGCACGAGCGTCACTTCATGGCTCCAGGGGTGCGGCGCTGCCCGTGC
 GAGGGCCGGGTGCGGCCACGCTCTTCTGCCTCCAGGAAGTGGACCTTTCTGGAATCATAGACCTTT
 TTGGAATTGGAGGTGGACTTCTGGAATATAGGGCGAGTCTGCTGGCTGCAAAGGGCTTTGCCGTCATGGC
 TCTGGCTTATTTAAGTATGATGACCTCCCTAAGGCTACAGACATCCTTCGTCTGGAGTACTTTGAAGAA
 GCTGTGAACTACCTGCTTGGTCACCTCAGGTCAAGGGTCCAGGAATTGGCCTGCTGGGGATTTCCAAAG
 GGGCTGAACTCTGCCTCTCCATGGCCTCTTCTGAAACGGCATCACGGCCGCTGTCAATCAATGGCTC
 CATGGTCAATGTTGCTGGAACACTATACTACAAGGAAGAGAGTCTGCCTGCTTCGAGCATGAATCTAGAA
 CGAATCAGGGTGACCAAAGATGGGTTTAAAGATATTATAGATATCCTGACTGTCCCTCCAGAAGGTCCAG
 ACCAGAAAAGCATCATCCTGTGGAAAGGTCTGACACGACCTTCCTGTTCTCGTTAGTCAGGATGACCG
 CAACTGGAAGAGCGAGTTCTATGCCAGAGAGGCTCCAAACGCTTGACGGCCATGGGAAGAAAACCC
 CAGATCATCTGCTACCCAGAAGCAGGGCACTATATTGAGCCCCCTTACTCCCTTGGTCCAAGGCTGCC
 CCAACTCCCTTTTGACATGCCTATCATCTTGGAGGGGAGCCTAGGGCTCATGCCATGGCCAGGTGGA
 CGTTTGGCAGCAACTCCAGATTTTTTCCACAAACATTTGAGTGGGGACAAGAAGACAATCCAGGAAAA
 CTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001079709

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:

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_001079709.1, NP_001073177.1

RefSeq Size:	1888 bp
RefSeq ORF:	1266 bp
Locus ID:	503049
Cytogenetics:	6q24