

Product datasheet for MC203904

Acot9 (NM_019736) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acot9 (NM_019736) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acot9
Synonyms:	0610041P13Rik; Acate2; C76421; MT-ACT48; MTE-2; p48; U8
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC021763
 GTCACCTAGAAGGTGGGAACCAAGATTCAGTCCGCGCGGTTGCCGGTGTGGAGGTGTCCTCACGCTC
 ACGCTCTTCTGCTACCGTTTGTCTCTACCCGGGAGGACCTTGGTTGCCACCCGTGGTAGGCAGTGGA
 GTGCCATGAAGCGGGCAGCGATACGGCTTTGGACCTTGAACAAGGGCTTCTTACTCATGGCAGAGGACT
 GTCTCAAGGATCCAATACAAAATAAGTGAACCCTTACACATCCATCAAGTTCGAGACAAGCTGCGGGAG
 ATAGTAGGCGTATCCACAGTCTGGAGAGACCATGTAAAAGCAATGGAGGAAAGGAAGTTACTTCATAGTT
 TTTTGCCTAAATCACAGAAAGTCTACCACCGAGGAAAATGAGGGATAGTTACATCGAAGTTCTCCTACC
 TTTGGTACTGACCCTGAACTACGAGACAAATATGTGACTGTTCAAATACAGTAAGATTGGCAGGATT
 CTTGAGGACCTTGACAGCCTAGGAGTTCTGTTTGTACATGCACAACCACAATCATTCTACCAAGATGT
 CTCCTTTATCAATAGTTACAGTCTGGTGGACAAGATTGATATGTGTAACACAGCTTAAGCCCTGAACA
 GGACATTAAGTTCAGTGGCCATGTTAGCTGGGTTGAAAATACATCCATGGAAGTGAAGATGAAAATGTTT
 CAGCTGCAACAATGATGAGAAATATTGGCTGTTTTGGATGCAACCTTTGTAAATGGTGGCTCGAGATTCTG
 AAAATAAGGGGCCCGCATTTGTAATCCACTCATTCCGGAAAATAAGAGGAAGAAGAGCTCTTTAAACA
 AGGAGAATTGAACAAGAGCCGAAGGATTGCCTTAGCACCAGTTCATTACTGAAAGTGGCTCCCAGTTCT
 GAGGAGAGGAATATCATACATGAACTGTTCCCTTACCACACTGGATCCAAAGACTATAAGTTTTAGAGTC
 GAATTTGCTCCTAAAGCAGTGTGGATGGAGGATACAAAACCAAGAGCTTGGATATTTGTACCCTCA
 GGAACGAAACGTATTCAATCGGATCTTTGGTGGTTTTCTATGAGAAAAGCATATGAACTGCATGGGCT
 ACTGTTGTAGCTTTGGCGGTTCCCGGCCATATGTGTAACAGTGGATGATATCATGTTTCAGAAGCCTG
 TTGAAGTTGGTTCATTGCTCTTTCTTTCACAGGTATGCTTCAACCAGGACAATTACATCCAAGTCAG
 AGTCCATAGTGAAGTGTCTTCTTGTGACAGTCGTGAGCATATGACCACCAATGTCTTTTACATTC
 ATGTCCGAAAAAGAAGTACCCTTGATTTCCCTAAAACATATGGAGAGTCCATGTTGTATTTAGATTGGAC
 AGCGACATTTCAAGTCTATGAGTACCCAGTGACCTTGAAAAAGGACTACCCTGTGGAGCCCTAGGAAAA
 TCTCACTTGTGCAAACTAGCACTCCCGGCACTGTGACATAGTGCCTAATAAAGGTGTGCTGAGAAGTAC
 TGATGTTCACTTTGCTTTGTTTATCCTCCATAGAGGGGCTATATTTCAAGTTTTAGAATGATCGGAAG
 AGCAGAATGAGTGACTGGATGGAGCCGAGGGGTGAAAGAATGATTAACAATAAAACCTTTTACAGTAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_019736
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:	<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:	BC021763 , AAH21763
RefSeq Size:	1693 bp
RefSeq ORF:	1320 bp
Locus ID:	56360
UniProt ID:	Q9R0X4
Cytogenetics:	X F3
Gene Summary:	<p>Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Active on long chain acyl-CoAs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>