

Product datasheet for RN204129

Acadsb (NM_013084) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acadsb (NM_013084) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acadsb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204129 representing NM_013084 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTGTCTGCCTTCCAGCTGTGGCGTGCGGGCGGGCTGCTAAGAAGAACTTCTGACTCACTCGT
CTTCTGGAAAATCCCTCCTCGTGTCTCAAATCCTCACAAACAGAGCTCTACTCAGTGTAAACAAATAA
TGCCCTATGTTTCGCACCTCTGCAGACATTTACTGATGAGGATATTATGATGCAGAAGGCAGTCAAAAA
TTTGCACAGGAACAAATTGCTCCTTTGGTTTCAACTATGGATGAAAATTCAAAAATGGAGAAACAGTGA
TACAAGGATTATCCAACAAGGGATGATGGGCATTGAAGTTGAAGCAAAATATGGAGGAACAGAGCCTC
CTTCTGTGCTCTGTCTGGTGATAGAGGAAGTCTAAGGTGGATGCGTCCGTGGCTCTCTATGTGAC
ATCCAGAACACAGTCATTAACAACTGTTTAGGAAGCACGGGACAGAAGAACAGAAGGCCACCTATTTGC
CAAAGCTGGTTACGGAATAATTAGGGAGTTTTTGCCTCTCTGAAGCTGGAGCTGGTAGCGACTCTTTTGC
TTTGAAAACAAGAGCTGATAAAAGTGAAATTAACGTCATCAATGGATCGAAGATGTGGATCAGCAAT
GCTGAACATGCAGAGCTTCTCTGGTTTTTCAAATAGGGAGACGAGAAAACAAATGGGGATCAGAGC
GCTTCTTAGTAGACCGAGATACAGAAGTTTTCAAATAGGGAGACGAGAAAACAAATGGGGATCAGAGC
TTCTTCCACCTGTCAGTTAACATTTGAAAATGTCAAGGTTCCAGAAACCAGTGTGTTGGGAAAAATTGGG
CACGGTTATAAATATGCCATAGGAAGTCTTAACGAAGGTAGAATTGGAATTGCTGCCAGATGCTAGGAC
TGCCCAAGGATGTTTTGACTACACTATTCATACATAAAAGAAAGGATGCGATTCGGCAACGAATATT
TGATTTTCAGGGGCTCCAAACCAAGTGCTCACGTGGCCACCCAGCTGGAAGCTGCGCGTTGCTGACG
TACAACGCTGCTAGGCTGTAGAAGCCGGGAGGCCATTTATAAAGAAGCATCTATGGCCAAGTATTATG
CATCAGAGGTCGCTGGGCTGACAACAAGCAAGTGCATCGAGTGGATGGGAGGGTTCGGCTACACCAAGA
TTACCTGTGGAGAAATCTTCCGCGATGCGAAGATCGGTACAATATATGAAGGAACTTCCAACATCCAG
CTGAACACCATTGCAAAGCACATCGATGCAGAGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja3179_f06.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013084
Insert Size:	1299 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_013084.2 , NP_037216.1
RefSeq Size:	1321 bp
RefSeq ORF:	1299 bp
Locus ID:	25618
UniProt ID:	P70584
Cytogenetics:	1q41
Gene Summary:	catalyzes the alpha, beta-dehydrogenation of valproyl-CoA and other acyl-CoA esters in fatty acid metabolism [RGD, Feb 2006]