

Product datasheet for **MC202357**

Acadsb (NM_025826) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acadsb (NM_025826) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acadsb
Synonyms:	2-MEBCAD; 1300003O09Rik; BB066609; SBCAD
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC054428 sequence for NM_025826
CCCCGAGCTTGCCAGGCCGAGGGAGTCTTGCGCAAGGGTTCGTGGAAAGCCTTGCGAGCTTAACAGGGCCA
CCCTGCCCGAAGCGAGGATGGCGGTCTCTGCGCTCCAGCTGTGGCGTATGGGCGGCTGTGAGAAGACG
CTTCCCAACCTGCTTGTCTTCTTGAAGATTCTCCTCGTGTCTCAAATCTCACAAACCGAAGCTCTA
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TGCTCTCTGTGTGACATCCAGAACACAATAATTAACAACCTGTTTAGAAAAACGCTTCAAGAAGAACA
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GTAAACAGCCTGCCCTCCTTCTAGACTCATGGCAATCCTCCTGCTTATGTGTAACCTGGGCTGGCCG
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TTTTGCTCTATGTAGTCCAGTTATGTTTTTAGGGTAATAAAGTTCATGGCTGTTGGATCATCAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

RsrII-NotI

ACCN:	NM_025826
Insert Size:	1299 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:	BC054428 , AAH54428
RefSeq Size:	3320 bp
RefSeq ORF:	1299 bp
Locus ID:	66885
UniProt ID:	Q9DBL1
Cytogenetics:	7 F3
Gene Summary:	Has greatest activity toward short branched chain acyl-CoA derivative such as (s)-2-methylbutyryl-CoA, isobutyryl-CoA, and 2-methylhexanoyl-CoA as well as toward short straight chain acyl-CoAs such as butyryl-CoA and hexanoyl-CoA. Can use valproyl-CoA as substrate and may play a role in controlling the metabolic flux of valproic acid in the development of toxicity of this agent (By similarity).[UniProtKB/Swiss-Prot Function]