

Product datasheet for MC201332

Acaa1b (NM_146230) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acaa1b (NM_146230) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acaa1b
Synonyms:	MGC29978
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019882 sequence for NM_146230
 CCCACCTCCGCGATGCATCGGCTGCAGGTAGTGTGGTACCTGGCCGGCCGGCCCGAGTCGAGCTCCG
 CGCTGCAAGCTGCGCCCTGCTCCGCTGGCTTCTGCAGGCCCTCCGACGTGGTGGTGGTGCACGG
 ACGGCGCACTCCCATTTGGCCGCGCCAGCCGTGGCTGCTTCAAGGACACCACCCCGACGAGCTTCTGTCG
 GCCGTGTTGACCGCGTTCTCCAGGACGTGAAGCTAAAGCCTGAGCAGCTGGGAGACATCTCCGTGGCA
 ATGTGCTTACGCCGGGGCTGGAGCATTATGGCACGCATCGCCAGTTCCTGAGCGGCATCCCAGAGAC
 TGTACCTTTGCTACGGTCAACAGACAGTGTTCATCGGGACTGCAGGCAGTGGCCAACTTGTGGTGGC
 ATCAGAAATGGTCTTATGACATTGGCATGGCCTGTGGGGTGGAGTCCATGACCTGTCCCAGAGAGGA
 ACCATGGGAATATTTCTCCGCCTGCTGGAGAACGAGAAGGCCAGAGACTGCCTGATTCCTATGGGGAT
 AACTTCGGAGAATGTGGCTGAGCGGTTTGGCGTTTACGGCAGAAGCAGGATGCCTTTGCGCTGGCCTCC
 CAGCAGAAGGCAGCAAGCGCCAGAGCAGAGGATGCTTCCATGCTGAGATTGTGCCTGTGACAACCACTG
 TCCTGAATGACAAGGGTGACAAGAAAACCATCACTGTGTCTCAGGATGAGGGTGTCCGCCAGCACCAC
 CATGCAGGGCCTGGCCAAGCTGAAGCCTGCCTTCAAGGATGGAGGCTCTACCACGGCTGGAACTCCAGT
 CAGGTGAGTGATGGAGCAGCTGCCGTCCTGCTGGCTCGGAGGTCCAAGGCTGAAGAACTGGGCTCCCA
 TCCTTGGGGTCTGAGGTCTATGCAGTGGTGGGGTCCCTCCTGACGTCATGGGCATCGGACCTGCCTA
 TGCCATCCCTGCAGCCTTGCAAAAGCAGGGCTGACTGTGAATGACATAGACATCTTTGAGATCAATGAG
 GCCTTTGCAAGTCAGGCCGTCTACTGTGTGGAGAAGTTAGGAATCCTGCAGAGAAGGTGAACCCGCTGG
 GGGTGAATAGCCCTGGGCCACCCCTGGGCTGCACGGGAGCAAGGCAGTTGTACGCTACTCAATGA
 ACTGAAGCGCCGTGGCAGACGGGTTACGGCGTGGTATCCATGTGCATCGGGACTGGGATGGGAGCTGCT
 GCGGTCTTTGAATACCCTGGAACTGAGGCCTGGCTGCAGGCGGCAACCCAGAGAGTGCCACAGTGGT
 GTCCAGAGAGGGACGCTACAGAAGCCGTCTGCGTGGGACACTCAGCAGTGGAGGGTGTGTACAGCACT
 TTAATTTAGAAAATGTAATTGCAGCATGGGTACACGTGGGCACTGGGCATCCAATCCGGTCTCTCGGT
 CGAACCAAGACAGTGCATGCTATGCTTGACCACAGGACAACATTCATTTCTGTGGGACGGTGCCTTCAT
 GAATGGTGGATGTGATGGGCACAGTAAACGTGGGTGAACTGAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_146230
Insert Size:	1275 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:	BC019882 , AAH19882
RefSeq Size:	1596 bp
RefSeq ORF:	1275 bp
Locus ID:	235674
UniProt ID:	Q8VCH0
Cytogenetics:	9 F3
Gene Summary:	Responsible for the thiolytic cleavage of straight chain 3-oxoacyl-CoAs. Catalyzes the cleavage of short, medium and long straight chain 3-oxoacyl-CoAs, medium chain 3-oxoacyl-CoAs being the best substrates.[UniProtKB/Swiss-Prot Function]