

## Product datasheet for RN211843

### Acaa1a (NM\_012489) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Acaa1a (NM_012489) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acaa1a
Synonyms:	Acaa; Acaa1; Pktaa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211843 representing NM_012489 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGCGAGTCGGTGGGACGCACCTCCGCGATGCATCGGCTGCAGGTAGTGTGGCCACCTGGCCGGCC  
GACCCGAGTCGAGCTCCGCGCTGCAAGCCGCGCCCTGCTCCGCTACCTCCCGCAGGCTTCGGCCTCCGA  
CGTGGTGGTGGTGCACGGACGGCGCACCCCATCGGCCGCGGGCCGCGGGCGGCTCAAGGACACCACC  
CCCGACGAGCTTCTGTGCGCCGTGTTGACCGCGGTTCTCCAGGACGTGAAGCTAAAGCCTGAGTGTTGG  
GAGACATCTCTGTGGTAACGTACTTGAGCCAGGAGCCGGAGCAGTCATGGCGCGCATTGCCAATTTCT  
GAGTGGCATCCCAGAGACCGTGCCTCTGTGAGCAGTCAACAGACAGTGTTCATCGGGACTGCAGGCAGTG  
GCCAACATTGCTGGTGGCATCAGAAATGGGTCTTACGACATTGGCATGGCCTGTGGGGTGGAGTCCATGT  
CCCTGTCTAACAGAGGGAACCTGGGAATATTTCTCCCGCCTGCTGGAGAGTGACAAAGCCAGAGACTG  
CCTGATTCCTATGGGGATAACCTCGGAGAATGTGGCTGAGCGGTTTGGCATCTCACGGCAGAAGCAAGAT  
GCCTTCGCGCTGGCCTCTCAGCAGAAGGCAGCAAGTGCCAGAGCAAAGGCTGCTCCGCTGCTGAGATCG  
TACCTGTGACAACCACTGTCTCGATGACAAGGGTGACAGGAAAACCATCACCGTGTCTCAGGATGAGGG  
TGTCCGCCCCAGCACCACTGGAGGGCCTGGCCAAGCTGAAGCCTGCCTTCAAGGATGGAGGCTCTACC  
ACGGCTGGAAACTCCAGTCAGGTGAGTGATGGAGCAGCCGCCGCTCTGCTGGCCCCGAGGTTCAAGGCTG  
AAGAACTGGGCCCTCCCCATCCTTGGCGTCTGAGGTCCTATGCAGTGGTGGGGTCCCTCTGACATCAT  
GGGCATCGGACCTGCCTATGCCATCCCTGCGGCCCTGCAGAAAGCAGGGCTGACTGTGAATGACATAGAC  
ATCTTTGAGATCAATGAGGCCTTTGCAAGTCAGGCCCTCTACTGTGTGGAGAAGCTGGGAATTCCTGCAG  
AGAAGGTGAACCCCTGGGGGTGCAATAGCCCTGGGCCACCCCTGGGCTGCACCGGAGCAAGGCAGGT  
GGTCACGCTGCTCAATGAGCTGAAGCGCCGAGGCACACGGGCTTATGGCGTGGTGTCCATGTGCATTGGG  
ACTGGGATGGGAGCCGCTGCTGTCTTTGAATACCTGGGAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_012489
<b>Insert Size:</b>	1305 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_012489.2</a></u> , <u><a href="#">NP_036621.1</a></u>
<b>RefSeq Size:</b>	1618 bp
<b>RefSeq ORF:</b>	1305 bp
<b>Locus ID:</b>	24157
<b>UniProt ID:</b>	<u><a href="#">P21775</a></u>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	peroxisomal 3-ketoacyl-CoA thiolase; involved in beta-oxidation of fatty acids [RGD, Feb 2006]