

Product datasheet for **MC217083**

Acss3 (NM_198636) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acss3 (NM_198636) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acss3
Synonyms:	8430416H19Rik; Gm874
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217083 representing NM_198636
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGCCATCCTGGTTGCAATGTCGCAAAGTAAACAGGCGCCGGGACGCTTGGGGCACCTCTGCCAGGAT
CCCTTCAGTAAGAGGAGCCGCTGTGACCCGAAGGGCTTTGGTGGCCGGGTTGGGGCAGGGGCTGCAG
GGCTCTGACCACCGCAGTGGTGGTGAACAAGACCCACTTCGCAGCCTCTGTGGCTGACCCCGAAAGA
TTCTGGGGTAAAGCTGCTGAGCAGATCAGTTGGTACAAGCCCTGGACAAAACCTAGAGAGCAGATACC
CGCCTTCCACAAGTTGGTTTGTGGAAGGGATGCTGAACATTTGTTACAATGCTATTGATCGGCACATTGA
AAATGGCCAAGGGGATAAGATTGCTATCATCTATGACAGTCCCGTTACAGACACCAAAGCAACTATCTCC
TATAAGGAAGTCTGGAGCAGTCTCTAAGCTGGCTGGTGTCTTGGTCAAGCAGGGTGTCAAGAAAGGCG
ATACAGTGGTCACTATATGCCCATGATCCACAAGCAATATATACCATGCTGGCGTGTGCAAGGATAGG
AGCAATCCACAGTCTCATATTTGGAGGATTTGCATCCAAAGAATTAAGTACGCGCATTGATCATGCGAAG
CCTAAGGTGGTTGTTACGGCATCAATTTGGCATTGAACCAGGAAGGAAGGTGGAGTACATCCCACTTCTAG
AAGAAGCTCTGAGGATAGGACAGCACAGGCCAGACAGAGTTCTCATTTACAGCCGTCCAAACATGGAGAA
AGTTCTTTGATGTCAGGTCTGATCTTGGATTGGGAAGAAGAAATGGCAAAAGCCAGTCTCATGACTGC
GTGCCTGTTCTCTCAGAGCATCCATTGTACATTCTACACATCTGGAACAACCTGGGCTGCCTAAGGGTG
TGGTTAGACCCACTGGGGCTATGCTGTCATGTTGAACTGGACAATGCTTCCATATATGGACTCAAACC
TGGAGAGGTATGGTGGGACGCTTCTGACTTAGGCTGGGTTGTTGGACATTCCTATATTTGCTATGGGCT
CTTCTCCATGGAAACACAACAGTTTTATATGAGGAAAGCCTGTGGGAACACCGGATGCTGGCGCTTATT
TCCGTGTGCTTGCAGAGCATGGAGTGGCTGCCTTGTTCACAGCACCAACTGCAATTAGAGCCATCCGTCA
ACAGGACCCTGGGCAGCCTTGGGAAGCAGTACTCTCTGACAAGGTTCAAGACACTGTTTGTAGCTGGG
GAAAGATGTGATGTGGAGACCCTAGAATGGTCCAAAAAGTCTTCCGAGTCCCCTTCTAGACCATTGGT
GGCAAACAGAGACTGGATCCCCATCACAGCATCATGTATTGGATTAGGTAACCTCCAAAACCTCCACC
AGGACAAGCAGGAAAATGTGTTCCAGGATACAATGGACGATACCTGCTTCATCATTCTGCAGAGTCTCTG
ACTCCTCTGCTATGGGAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_198636

Insert Size: 1494 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:

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_198636.3](#), [NP_941038.2](#)

RefSeq Size: 2490 bp

RefSeq ORF: 1494 bp

Locus ID: 380660

UniProt ID: [Q14DH7](#)

Cytogenetics: 10 D1

Gene Summary: Activates acetate so that it can be used for lipid synthesis or for energy generation.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks several 3' exons, but has an alternate 3' exon, as compared to variant 1. The resulting isoform (2) has a shorter and different C-terminus, as compared to isoform 1.