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Product datasheet for MC220480

Acss3 (NM_001142804) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acss3 (NM_001142804) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acss3
Synonyms:	8430416H19Rik; Gm874
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC220480 representing NM_001142804
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGCCATCCTGGTTGCAATGTCGCAAAGTAACAGGCGCCGGGACGCTTGGGGCACCTCTGCCAGGAT
CCCCTTCAGTAAGAGGAGCCGCTGTGACCCGAAGGGCTTTGGTGGCCGGGTTTGGGGGCAGGGGCTGCAG
GGCTCTGACCACCGGCAGTGGTGGTGAGTACAAGACCCACTTCGCAGCCTCTGTGGCTGACCCCGAAAGA
TTCTGGGGTAAAGCTGCTGAGCAGATCAGTTGGTACAAGCCCTGGACCAAAACTCTAGAGAGCAGATACC
CGCCTTCCACAAGTTGGTTTGTGGAAGGGATGCTGAACATTTGTTACAATGCTATTGATCGGCACATTGA
AAATGGCCAAGGGGATAAGATTGCTATCATCTATGACAGTCCCGTTACAGACACCAAAGCAACTATCTCC
TATAAGGAAGTCTTGGAGCAGGTCTCTAAGCTGGCTGGTGTCTTGGTCAAGCAGGGTGTCAAGAAAGGCG
ATACAGTGGTCATCTATATGCCCATGATCCCACAAGCAATATATACCATGCTGGCGTGTGCAAGGATAGG
AGCAATCCACAGTCTCATATTTGGAGGATTTGCATCCAAAGAATTAAGTACGCGCATTGATCATGCGAAG
CCTAAGGTGGTTGTTACGGCATCATTTGGCATTGAACCAGGAAGGAAGGTGGAGTACATCCCACTTCTAG
AAGAAGCTCTGAGGATAGGACAGCACAGGCCAGACAGAGTTCTCATTTACAGCCGTCCAAACATGGAGAA
AGTTCCTTTGATGTCAGGTCGTGATCTTGATTGGGAAGAAGAAATGGCAAAAGCCCAGTCTCATGACTGC
GTGCCTGTTCTCTCAGAGCATCCATTGTACATTCTCTACACATCTGGAACAACTGGGCTGCCTAAGGGTG
TGGTTAGACCCACTGGGGGCTATGCTGTCATGTTGAACTGGACAATGTCTTCCATATATGGACTCAAACC
TGGAGAGGTATGGTGGGCAGCTTCTGACTTAGGCTGGGTTGTTGGACATTCCTATATTTGCTATGGGCCT
CTTCTCCATGGAAACACAACAGTTTTATATGAGGGAAAGCCTGTGGGAACACCGGATGCTGGCGCTTATT
TCCGTGTGCTTGCAGAGCATGGAGTGGCTGCCTTGTTTACAGCACCAACTGCAATTAGAGCCATCCGTCA
ACAGGACCCTGGGGCAGCCTTGGGGAAGCAGTACTCTCTGACAAGGTTCAAGACACTGTTTGTAGCTGGG
GAAAGATGTGATGTGGAGACCCTAGAATGGTCCAAAAAAGTCTTCCGAGTTCCCGTTCTAGACCATTGGT
GGCAAACAGAGACTGGATCCCCCATCACAGCATCATGTATTGGATTAGGTAACTCCAAAACACCTCCACC
AGGACAAGCAGGAAAATGTGTTCCAGGATACAATGTTATGATTTTGGATGACAACATGCAAAAACTGAAG
GCTAGAAGCTTAGGAAACATTGTGGTAAAGTTGCCATTACCACCTGGGGCTTTTTCAGGACTCTGGAAGA
ACCAGGAAGCATTCAAGCATTTATACTTTGAGAAATTTCCTGGATACTATGACACTATGGATGCCGGCTA
CATGGATGAGGAAGGCTACCTATATGTGATGTCCCGAGTGGATGATGTCATAAACGTTGCAGGCCACAGG
ATTTCTGCAGGCGCTATTGAGGAGTCAGTCCTCTCACACGGCACTGTGGCTGACTGCGCTGTGGTTGGCA
AGGAAGACCCCTTGAAAGGTCACGTCCCCTTAGCACTCTGCGTGTTGAAGAAAGACGTAAATGCATCAGA
AGAACAAGTTTTGGAAGAGATTGTGAAACATGTTAGGCAGAGCATTGGCCCTGTGGCTGCTTTTCGAAAT
GCGGTTTTCGTCAAACAGTTACCCAAAACCAGGTCTGGCAAAATTCCACGGTCTACACTGTCTGCCCTGG
TTAATGGCAAGCCTTATAAGGTGACCCCTACGATTGAGGACCCCAGCATTTTTGGTCACATTGAAGAAGT
GCTGAAGCAGGCTGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001142804

Insert Size: 2049 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_001142804.1, NP_001136276.1
RefSeq Size:	2130 bp
RefSeq ORF:	2049 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 (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.