

Product datasheet for **MC202272**

Acss2 (NM_019811) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acss2 (NM_019811) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acss2
Synonyms:	1110017C11Rik; ACAS; Acas1; Acas2; AceCS1; Acs1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC051432 sequence for NM_019811
 GTTTTCCCGCCCCGGCACCCGACGACCCGCAACGGCGGACAAGGTGTTGCGAACTTGATGCGATGGGG
 CTTCCCGAGGAGCGGGCAAGAGCGGCAGTGGAAGCCGGGCTCGTGAGGAGACCGGCGCCGAGGGCCGGG
 TGCGGGGTTGGTCCCCGCCGCCGAGGTGACAGCTCGGCGCACGTCCCCTCTCTGCAGCGCTACCGCGA
 GCTGCACCGGCGTTCTGTGGAGGAGCCACGGGAGTTTTGGGAAACATTGCCAAGGAATTTACTGGAAA
 ACTGCATGCCCTGGCCATTCTCCAGTACAACCTTGTGTGACTAAAGGGAAAAATTTACTGAGTGA
 TGAAGGAGCAACTACAAACATCTGCTACAACGTGCTGGATCGAAATGTCATGAGAAAAAACTTGGCGA
 CAAAGTTGCTTTTTACTGGGAGGCAATGAGCCAGGGGAGACCACCAAGATCACATACCGTGAACCTCTG
 GTCAGGTGTGTCAAGTTCAGCAATGTTCTCCGTAACAGGGCATTGAGAAGGGTGACCGAGTGGCCATCT
 ACATGCCTATGATCTTGGAACTTGGTGGCTATGCTGGCATGTGCTCGCCTTGGAGCTTGGCACTCCAT
 TGTGTTTGCAGGCTTCTCTGCAGAGTCTCTGTGAAAGGATCTTGGATTCCAGTTGCTGCCTGCTCATC
 ACTACAGATGCCTTCTACAGGGGGAAAAAATTGTGAACCTGAAGGAGCTGGCTGATGAGTCTTGGAGA
 AGTGCCGAGAGAAGGGCTTCCAGTGAGATGCTGCATTGTGGTCAAACATCTGGGCGGGCAGAGCTGGG
 CATGAATGACTCCCCAGCCAGTCCCACCAGTTAAGAGGCCATGTCCAGATGTCCAGATCTGCTGGAAC
 GAAGGGTTGACTTATGGTGGCATGAACTCATGCAGCAGGCAGGAGACGAGTGTGAGCCTGAGTGGTGTG
 ATGCTGAGGACCACTTTCATCTTGTACACCAGTGGCTCCACAGGCAAACTAAGGGTGTGGTGCACAC
 AATTGGAGGCTATATGCTCTATGTGGCTACAACCTTCAAGTATGTGTTGATTTCCACCCGGAAGATGTG
 TTCTGGTGACAGCAGACATCGGCTGGATCACTGGTCATTCTATGTCACCTATGGGCCACTGGTAATG
 GTGCCACTAGTGTGTTTGTGGAGGGATCCCCACATACCCAGATGAAGGGCGCTTGTGGAGCATTGTGGA
 CAAATACAAGGTGACCAAGTTCTACACGGCACCAACAGCCATCCGGATGCTCATGAAGTTTGGAGATGAT
 CCTGTACCAAGCATAGCCGGGCATCCCTGCAGGTGCTGGGCACAGTAGGTGAACCCATCAACCTGAAG
 CCTGGCTATGGTACCACCGGGTAGTAGGTTCCAGCGCTGCCCATTTGTAGACACCTTCTGGCAAACAGA
 AACAGGTGGCCATATGCTGACCCCTCTCCCTGGCGCCACACCAATGAAACCTGGTTCTGCTCTTTCCCA
 TTCTTCGGTGTAGCGCCTGCAATCTGAATGAGTCCGGGAGGAGCTGGAAGGGGAAGCTGAAGGTTATC
 TGGTGTCAAGCAGCCCTGGCCAGGATCATGCGCACAGTCTATGGGAACACACACGGTTTGGAGCCAC
 CTACTTTAAGAAGTTCCTGGCTACTATGTGACCGGAGATGGCTGCCGACGGGATCAGGATGGCTATTAC
 TGGATCACGGGCAGGATTGATGACATGCTCAATGTGTCTGGACATCTCCTGAGTACAGCAGAGGTGGAAT
 CGGCACCTGTGGAACACGAGGCTGTGCGAGAGGCAGCTGTGGTGGGCCACCCTCATCCTGTGAAGGGCGA
 ATGCTCTACTGCTTTGTACCTTGTGTGATGGCCATACCTTCCAGCCACACTCACAGAGGAACCTCAAG
 AAGCAGATTAGAGAAAAGATTGGCCCCATTGCCACACCAGACTACATCCAGAATGCACCTGGCTTGCCTA
 AAACACGCTCAGGAAAAATCATGAGGCGAGTTCTCCGGAAGATTGCTCAGAATGACCATGACCTGGGGGA
 TACATCTACGGTGGCTGACCCATCTGTCATCAACCATCTTTCAGTACCGCTGCCTGACCAACCCAGTGA
 ACAAGACTCTTGTCCAGGATTTCCCTGTGCTTGGCTCTCAAATTTCTGCCCATCCATCCTGCCCTCAC
 ACAGTAGTACTAGTTGACAGTACTAGTTGGTTGAAACTAGGGAGACAGTTACCTAGACTACCAGGTAGAA
 GGGACAGGGGTCAGGTCAACCTCACACTGATATGCTCCTCGACTAGAGAGGTCTCCAAGCCAGAACAGA
 GACTTGAACCATGTCTTAACCAAAGTCAGCTTTCAGAGTGTAAATGAGGGTCTGACTGGAAGCAGG
 GCAGCAGCTGTAATCTTCCAGCTCTCTCCAAAAGCACCAGTTCTTATCTTGGGCTGCACTAGGCTTTA
 GAAATGACAGTTTGTGAGTCTATGAATAATTTTTTTTTAAAACTTTGTTGCTCTGTTCTGAGTCTGA
 ATTCCTTGCAGATGGTAGCATTGTCTACCAGTTGGTTCAGTCTCCATAGGACTTTTATATCATCTGCTAC
 ATTGAAAGAATAAGATATACTGATCCTAAAACCAAGGAATTAACATTCCTAATCCTGCACTATGAACAG
 AACCTGCCATGAGAGGCACTGTAGGTGAAACTCTTTTTCTTGTCTTTTTGTGCTCAAGCCCACT
 GTTATAGGAATAAAGTTTATGAGCTCAAGAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI
ACCN: NM_019811
Insert Size: 2106 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:	BC051432 , AAH51432
RefSeq Size:	2872 bp
RefSeq ORF:	2106 bp
Locus ID:	60525
UniProt ID:	Q9QXG4
Cytogenetics:	2 H1
Gene Summary:	Activates acetate so that it can be used for lipid synthesis or for energy generation. [UniProtKB/Swiss-Prot Function]