

Product datasheet for **MC205860**

Aacs (NM_030210) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aacs (NM_030210) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aacs
Synonyms:	2210408B16Rik; SUR5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026817
 CCGACGCGTGGGCGGCGCACCGCTGATCCGCTCCACGCCTTGGCGCTCTCCGCTCTCAGCCAAAGCCCGG
 AGCCCCGGCCACGCAGCTCCGCAACCATGTCCAAGCTGGCGCGGCTCGAGCGGAGGAGATCATGGAGTG
 CCAGGTGATGTGGGAGCCTGACAGCAAGAAGGACACGCAGATGGACCGCTTCCGGGCGGCGGTGGTACC
 GCCTGCGGCTGGCGCTTGGGAATTACAATGACTTATACCACTGGTCTGTCCGGTCGTATATGGACTTTT
 GGGCTGAGTTCTGGAAGTTCAGTGAATCGTCTACTCACGCATGTATGATGAGGTTGTGGACACATCCAA
 AAGGAGATGCAGATGTCCCGAGTGGTTCCAGAGGCAGCCGCTCAACTACGCAGAGAACCTCCTGCGGCAC
 AAGGAGAACGACAGAGTCCGCTTTACGTGGCCGGGAAGGCAGAGAGGAGATCGTGAAGGTGACTTTTG
 AAGAGCTGCGGCAGCAGGTGGCTCTGTTGCGAGCTGCCATGAGGAAGATGGGCGTGAAGAAAGGGGACCG
 TGTGGTGGCTATCTACCCAACAGTGGCATGCGGTGGAGGCCATGCTGGCTGCTGCCAGTATTGGGGCC
 ATTTGGAGTTCTACCTCGCCGACTTTGGTGTAATGGTGTCTGGACCGCTTTTCTCAAATTCAGCCGA
 AACTTATCTTCTCGGTGGAGGCTGTTGTCTACAATGGCAAGGAGCATGGTACCTGGAGAAGCTGCAGCG
 AGTTGTGAAAGGACTGCCTGACCTGCAGCGAGTGGTGTGATCCCCTATGCTCCCAAGGGAGAAGATT
 GACATTTCCAAGATCCCCAACAGTGTGTTCTGGATGATTTCTGGCAAGCGGGACCGGCGCAGGCGC
 CGCAGCTCGAGTTTGAGCAGCTGCCCTTACGCCACCCTCTGTTTCATCATGTTCTCCTCAGGCACGACGGG
 AGCGCCCAAGTGATGGTGCACCTCAGCCGGGGGACCCCTCATCCAGCACCTGAAGGAGCACATGCTACAC
 GGCAACATGACAAGCAGTGACATCCTGCTCTACTACACCACGGTCCGGCTGGATGATGTGGAAGTGGATGG
 TGTGAGCCCTGGCCACAGGAGCATCCTTGGTCTGTATGATGGCTCCCGCTGGTTCGACCCCCAACGT
 GTTGTGGGACCTTGTGGACAGGATAGGGATCACCATCCTGGGAACGGGAGCCAAGTGGCTGTGAGTGTG
 GAGGAGAAGGACATGAAGCCAGTGGAACTCACAACCTCCACACGCTGCACACGATCCTGTCCACCGGCT
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 CTCAGGAGGCACTGACATCATCTCTGTTTCATGGCCAGAATCCTCTATTCTGTGTACAAGGGTGAG
 ATCCAAGCCCGAACCTTGGCATGGCTGTGGAAGCTGGGACGAGGAAGGGAAGGCGGCTGAGGAGCGCA
 GTGGCGAGCTGGTGTGCACTAAGCCATTCCCTGCCAGCCACGCACTTCTGGAACGACGAGAACGGCAG
 CAAGTACCAGGAAAGCTTACTTCTCAAATTCAGGTGTCTGGGACACGGTGACTACTGACAGGATCAAC
 CCAAAACAGGAGGCAATTATCATGCTGGGCCGTAGTGTGGCACCCCTCAACCCCAATGGCGTCCGCTTTG
 GCAGCTCGGAGATCTACAACATCGTGGAAAGCCTTCGATGAGGTGGAGGACAGCCTGTGTGTACCCAGTA
 CAACAGAGATGGCGAGGAGCGGGTGGTCTGTTCTGAAGATGGCGTCCGGGCACACTTTCAGCCTGAC
 CTGTTGAAGCGCATCCGAGACGCCATCCGACTTGGCCTGTCTGCCCGCATGTGCCAGCCTCATCTGG
 AGACCCGAGGCATTCCATACACACTCAATGGCAAGAAAGTGGAGGTGGCCGTGAAGCAGGTGATGGCTGG
 GAGGACTGTGGAGCACCGGGGGGCTTCTCAACCCGAGACCCTCGACCTGTACCGGGACATCCCTGAG
 CTGAGGACTTCTGAGCCAGCAGCTCGCACTCCATCCAGCTGTGATGTGATGGAAGTATAGGACACTTT
 AGAGACAACAGCTGCTCCAGGTGGCCCTGGCACTGCACACTCCACAGGCTCAGGAACAGCTTTCTCTTT
 CGGAGTCAATTGGTGGGGGCCAGGTCTCCCGAGCTCCAGGATGTGCTGGCCTTCGGAGACCCTAAGCATA
 CACTGAGGCTTGTCTCGGCCCTGCTGCTATAGGTGAGCACACAGCCTTGCAGGGGAGGGCTGGTGCAT
 TTGGTGACAGCACACTGGAGGAGCGATGTGGCCTTACGCTCATGAGCCCGCTGTTGTATCTCGCTCAT
 GAAGGTGAAGTCTTACCTATACTCTGTCTTAACTGGCCTGGCTTCTCAGCGTTACTGTCTTCTCAA
 GAGCTGACTAAAGCCAGGGCACCTGGCCAGCATGCCTGTACCTCACAGCTGGCTGTTGGGACACTGG
 GCTGAGCGCTCCTGTACCGTCTACCAAGGCCAGAACACCATTCTAGGGAATGGTGAATGATTGTCAG
 CAGCCAAGAGCTCTCTGCTATGGCAAGTCCCTCTGCTGTGCGGTGTCCCGACTGTTTCTGGGTCTTAC
 CAGCACAGTGTGTTGAATGGGTCAAACGGTTTAATGTTAATTGAGGGCCTGGGGGCACTTGAATCCCTGGG
 TGTCTACCCAGGTTACCACTTAGCTGTGTGCTGGGAGTGTGATCCTGGAGTCCGCCAGGGATGGAGCT
 GCCCGCCTCAGAGGAAATGGCCCGTCTCCCTCCTAATAGTTCCTGGGCTCTTTCTATTGTGACTGT
 CCTCTACATTTGTAATGAAGTCTCAGGCTTTGGCTGCCAGGACTTAATGGTGTCTCTCCTAGCACAC
 GGAATATGTCATAAATCCTGGTATTGCTTTTGTATTTTTTTTTTTTTAAAACTGAGCACAAACATAAAACC
 TTTTAAAGATATCCTGGATCTTAAGTCTATAAAGGAAAAGTGTATGAAGAATTTTATGGAATAAATCTG
 TGCCATGCACACCTGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_030210

Insert Size: 2019 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:	BC026817 , AAH26817
RefSeq Size:	3181 bp
RefSeq ORF:	2019 bp
Locus ID:	78894
UniProt ID:	Q9D2R0
Cytogenetics:	5 G1.1
Gene Summary:	Activates acetoacetate to acetoacetyl-CoA. May be involved in utilizing ketone body for the fatty acid-synthesis during adipose tissue development (By similarity).[UniProtKB/Swiss-Prot Function]