

Product datasheet for **RN213218**

Acss1 (NM_001106524) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acss1 (NM_001106524) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acss1
Synonyms:	Acas2l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213218 representing NM_001106524
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCGCGCAGCCTCGGCAGCGGTGTGGGGCGACTGCTGCGTGGCCTGCACGGGCACCTCGGGACAAT
 CGGGGTGGTTGCTGAGCCTGTCCCGCTGGACCACCACCCGATTCTGGGAGTGTTCTGCAGCAGCGCA
 GCTAGGCTCGTACCCCGCTTTGAGCGCTCAGGCAGCCAGGAGCCGCGCCCTTCTGGGGACCGCTGGCC
 CGTGACACACTAGTTTGGGACACTCCTTACCATACTGTCTGGGACTGCGACTTCAGGACGGGCAAGATCG
 GCTGGTTCCTGGGAGGCCAGTTGAATGTGTCTGTCAACTGCCTGGACCAGCACGTGCAGAAGTCTCCCGA
 CACCATAGCTTTGATTTGGGAGAGAGATGAACCTGGGACAGAAGTGAGGATCACTTACAGGGAGCTTCTG
 GAGACCACATGCCGCTGGCCAACACGCTGAAGAGGCATGGTGTGCACCGAGGGGACCGTGTGGCCATCT
 ACATGCCTGTGTCCCACTGGCTGTGGCAGCGATGCTGGCCTGTGCCAGGATTGGAGCTATCCACACAGT
 GGTTTTTGTGGCTTTAGTGCAGAGTCTTGGCCGGGAGGATCAATGATGCCAAGTGCAAGTTGTTATC
 ACCTTCAACCAAGGACTCCGGGGAGGGCGTGTGGTGGAGCTGAAGAAAATAGTGGACGAAGCTGTGAAGA
 ACTGCCCAACAGTGCAGCATGTCCTAGTGGCTCACAGGACGGACACCAAGTTCCCATGGGGAATCTGGA
 CATCCCCCTTGAGCAGGAGATGGCCAATGAGGCCCTGTGTGTACCCCTGAAAGCATGAACAGTGAAGAT
 ATGCTCTTCATGCTCTACACGTCTGGGAGCACTGGGACACCCAAGGGACTCGTTCATACACAGGCAGGCT
 ATCTGCTGTATGCCGCCATGACGCACAAGCTCGTGTGGTACTACCATCCAGGTGATGTCTTTGGTTGTGT
 GGCTGACATCGGTTGGATCACAGGACACAGCTATGTGGTGTATGGACCCCTGCAATGGAGCTACCAGC
 GTCCTTTTTGAGAGCACCCAGTTTACCCTGATGCTGGTGGTACTGGGAGACAGTACAGAGGCTAAAGA
 TCAACCAAGTCTATGGTGGCCGACAGCTGCCGACTGCTGCTGAAGTTCGGGGATGCCTGGGTGAAAAA
 GTATGACCGCTCCTCCCTGCGCACACTGGGGTCACTGGGAGAGCCCATCAATCATGAGGCCTGGGAGTGG
 CTCCACAAAGTGGTGGTGTGGCAGATGTACCCTGGTGGACACTGGTGGCAGACAGAACTGGAGGCA
 TCTGCATTGCACCACGGCCCTCGGAAGATGGGGCAGAGATCCTCCAGGCATGGCCATGAGGCCGTTTTT
 TGGCATTGTCCCTGCACTCATGGATGAGAAGGGCAATGTTGTGGAGGGTGGTGTGTCTCTGGGGCCCTG
 TGTATTTCCCAAGCTTGGCCAGGCATGGCAAGGACCATCTACGGTGACCACCAGAGGTTTCGTAGATGCCT
 ACTTCAGAACGTACCCAGGTTACTACTTCACTGGAGATGGAGCTCACCGACGGAGGGTGGCTATTACCA
 GATCACAGGGCGCATGGATGATGTATCAACATCAGTGGTTCATCGCTGGGACTGCAGAGATTGAGGAT
 GCAATGGCTGACCATCCCGCTGTCCAGAACTGCTGTGATTGGTACCCTCATGACATCAAAGGAGAAG
 CTGCGTTTTGCCTTCAATTGACTGAAAGATGACGTCGGTATGCAACGTGGTGGTAAATGAGCTCAAGTT
 GGCAGTGGCCACCAAGATCGCCAAGTATGCTGTGCCTGACCAGATCCTGGTGGTGAAGCGTCTCCCCAAA
 ACCAGGTCTGGGAAGGTGATGAGGAGGCTGCTGAGGAAGATCATCACCAGCAGGGGGCAGGATCTAGGGG
 ACACCACTACCCTGGAGGACCCAGTGTATCAGGAGATCATGAGTGCCTTTCGGGAGTACGAAGAGCA
 GCGGGCTGCCACCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106524

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:	<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:	<u>NM_001106524.1, NP_001099994.1</u>
RefSeq Size:	3595 bp
RefSeq ORF:	2049 bp
Locus ID:	296259
Cytogenetics:	3q41