

Product datasheet for RN211335

Acads (NM_022512) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acads (NM_022512) Rat Untagged Clone
Tag: Tag Free
Symbol: Acads
Synonyms: Scad
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211335 representing NM_022512
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCATGGCCGCTGCGTTGCTCGCCCGGCCGGTGGCTCTCTCGGCAGAGCTCTCCGCGCTCGAGATT
GGCGAAGATTACATACTGTTTACCAGTCTGTGAACTACCTGAGACACATCAGATGTTGCCCGAGACATG
CCGGGACTTTGCTGAGAAGGAGCTGGTCCCATCGCTGCCAGCTGGACAAGGAACATCTTCCCCACA
TCGCAGGTGAAGAAGATGGGGGAGCTCGGGCTGCTGGCCATGGATGTGCCAGAGGAGCTGAGTGGTGCTG
GCCTGGATTACCTGGCCTACTCGATCGCCCTGGAGGAGATCAGCCGTGGCTGCGCCTCCACCGGAGTGAT
CATGAGTGTCAACAACCTCTCTACTTTGGGACCCATCCTGAAGTTCGGATCCTCACAGCAGAAGCAGCAG
TGGATCACCCCTTTCACCAACGGTGACAAAATCGGCTGTTTTGCCCTCAGTGAGCCAGGCAATGGCAGTG
ACGCGGGGGCCGCTTCCACCACTGCCCGGAAGAGGGTGACTCCTGGGTCTCAACGGCACCAAAGCCTG
GATCACCAACTCCTGGGAGGCTTCTGCCACGGTGGTGTGCTAGCACCGACAGGTCCCGGCAGAACAAAG
GGTATCAGCGCTTCTCTGGTTCCCATGCCAACTCCTGGGCTTACGCTGGGCAAAAAGGAAGACAAGCTGG
GCATCCGGGCTCATCTACAGTAACCTCATCTTTGAGGACTGTCGCATCCCCAAGGAGAACCTGCTCGG
CGAGCCTGGGATGGGCTTCAAGATAGCCATGCAAACCCTGGACATGGGCCGATTGGCATCGCCTCCAG
GCCTGGGATTGCCAGGCCTCCTGGATTGTGCCGTGAAGTACGCCGAGAACCCCATGCCTTTGGGG
CACCCCTCACAAAGCTCCAAAACATCCAGTTCAAGCTGGCAGACATGGCCCTGGCCCTGGAGAGTCCCCG
CCTGCTGACCTGGCGCGCCGCAATGTTGAAGGACAATAAGAAGCCTTTCACCAAGGAGTCGGCCATGGCC
AAGCTGGTGCATCAGAGGCTGCTACTGCCATTAGCCACCAGGCCATCCAGATCCTGGCGGCATGGGGT
ACGTGACAGAGATGCCAGCCGAGCGCTACTACCGAGATGCCCGCATCACTGAGATCTATGAAGGTACCAG
CGAAATCCAGAGACTGGTATTGCCGGCATCTGCTCCGGAGCTACCGGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022512
Insert Size:	1245 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:	NM_022512.2 , NP_071957.1
RefSeq Size:	1748 bp
RefSeq ORF:	1245 bp
Locus ID:	64304
UniProt ID:	P15651
Cytogenetics:	12q16
Gene Summary:	Introduces a double bond at position 2 in saturated acyl-CoAs of short chain length, i.e. less than 6 carbon atoms.[UniProtKB/Swiss-Prot Function]