

Product datasheet for **MC221584**

Acad11 (NM_175324) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acad11 (NM_175324) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acad11
Synonyms:	5730439E10Rik; AI987948
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221584 representing NM_175324
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGGATCGCCGGCGC
 GCCC

ATGGAGACGGATGTCACCAGTGACACCGTGAAGTGTACCCAGCACAAAGTTCGACCTCAGTCCCTGG
 AGGCTACCTGAATCAGCACTTGGCGGCTTTGGGTGAGATCCCGGGCTGTGCTGACTGTTACTCAATA
 CAGATCAGGACAGTCAAACCCAACCTTCTTCTCCAGAAAAGGATCTCAAGCCTATGTTCTCAGGAAGAAA
 CCACCCGGCTCTTCTTCCCAAAGCACATAAGATTGACAGAGAATTCAAGATCCAGAAAGCCTTGT
 CCATTGGATTTCTGTTGCCAAGCCCCTGCTATACTGCAGAGATGCTTCAGTTATCGGAACGGAATTTTA
 TGTAATGGAACATGTGCAGGGTCGGATCTTTCGTGATTTTCCATTCTGGAGTTAGCTCAGCAGAACGT
 GCTGCTATATATGTGTCTGTGGCAGAAACCCTGGCATGGCTACATTCTCTGGATATACGCTCGTGAAGC
 TGGACAAATACGGTACTGGAGTCGGTACTGCAAAGGCAGGTGCCACCTGGACGAAGCAGTACCAGGC
 CTCAGCCATCAGAGCATCCCTGCCATGGACCAGCTCTCCACGTGGCTGATGAAGAACTTCCAGATAGT
 GACAGTGAGGAGTGCCTGGTCCACGGAGACTTCAAGCTGGACAACATAGTTTTCCACCCAAAGAGTGT
 GGGTTATAGCAGTGTGGACTGGGAGCTCTCGACCTTCGGCCATCCCTTGACGGACTTAGCCCATCTTTC
 CTTGTTTTACTATTGGCCAGGACACTGCCATGATAAACCGAGGCTCTCACATTCAGAGAACACAGGA
 ATACCGTTGATGGAAGAAGTCAATTAATACTGCCACCGAAGGGGAATTGATCCTAATCTCCCTAACT
 GGAATTTCTTTATGGCCCTCTCATTTTTTAAATGGCTGGAATATCACAGGGAGTCTATCGTAGATACCT
 CATGGGAAATAACTCATCTGAGGATAGCTTCTTAACTGCCAATACTGTGCAACCTCTGGCAGAACTGGA
 TTGCAGCTGTCAAAAAGAACTCTCAGGACTACACCACCACAGGCTGATGCTAAAAGCCAGCTGTTTGCAC
 AGAGCAGGAGAGGCCAGGAAGTTCTCACTAGAGTGAAGCAGTTTCAAGCAGCATGCTTTTCTGCTGA
 GAAGGAAGTAGCTGAATACTATGCTCAAAGTGGAAACTCAGCGGAAAAGTGGGGACACCCCTTAGTGATC
 GAAAAACTAAAGGAAATAGCCAAAGCAGAGGGCCTGTGGAATTTGTTCTTGCCAGCTGTGAGCGGTCTCA
 GCCAGGTGGACTATGCCTTGATTGCTGAAGAGACAGGAAAATGCTTTTTTCTCCAGATGTTTTTAACTG
 CCAAGCACCAGACACAGGCAACATGGAGGTACTGCACCTGTATGGCAGCGAGCAGCAGAAGAAGCAGTGG
 CTGGAGCCTCTCCTGCGTGGCGATACACCTCCGTCTTCTGTATGACAGAGCCCAACGTCTCATCAAGCG
 ATGCCACGAACATCGAATGCACCATCCAGAGAGATGGAGGTGGCTATATAGTTAACGGCAAGAAGTGGT
 GAGCAGCGGAGCTGGGAATCCCAAGTGCAAAATCGCCATTGTTTTGGGAAGAACGGAGTCTCCCTCTGCA
 TCCAGACACAGACAGCACAGCATGATCCTCGTGGCGATGGACACACCTGGAGTGGAGTTAATAAGGCCTT
 TGTCCGGTTCGGCTACATGGATAATATGCATGGCGGGCACTGGGAGGTCCATTTCAATCACGTGCGCGT
 TCCTGCCAGCAACTTAATACTAGGTGAAGGCAGGGGCTTTGAAATTTCCCAAGGCCCGCTTGGACCTGGA
 AGAATCCACCACTGTATGAGAACCGTGGGTTTGGCAGAACGCATTCTGCAGATCATGTGTGACCGGGCCG
 TGCAGAGGGAGGCCTTCAAGAAGAAGCTCTACGAACATGAAGTCGTGGCTCACTGGATTGCTAAGAGCCG
 TATAGCCATCGAGGAGATCCGCTTGCTGACCTTCAAAGCGGCTCACAGCATAGATACTCTGGCAGTGCC
 TCAGCCAGGAAGGAGATTGCAATGATCAAAGTGGCTGCCCCAAAGCTGTCTGAAAATAGCTGACTGGG
 CCATCCAGGTGCACGGAGGCGCGGGAGTTCCAGGATTACCCTCTGGCTAACATGTACGCCATCATACG
 CACCCTGCGCTTGGCAGACGGCCCTGACGAAGTCCACCTCTCAGCGATCGCCAAGATGGAGCTTCAGGAC
 CAAGCCAGACGGTTGACAGCCAGGATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI
ACCN: NM_175324
Insert Size: 2340 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_175324.3 , NP_780533.2
RefSeq Size:	3348 bp
RefSeq ORF:	2340 bp
Locus ID:	102632
UniProt ID:	Q80XL6
Cytogenetics:	9 F1
Gene Summary:	Acyl-CoA dehydrogenase, that exhibits maximal activity towards saturated C22-CoA. [UniProtKB/Swiss-Prot Function]