OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC216721

ACAT1 (ACACA) (NM_198838) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ACAT1 (ACACA) (NM_198838) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ACAT1
Synonyms:	ACAC; ACACAD; ACC; ACC1; ACCA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

```
>RC216721 representing NM_198838
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTGGCTTGCACCTAGTAAAGCAGGGCCGAGACAGAAAGAAAATAGATTCTCAACGAGATTTCACTG
TGGCTTCTCCAGCAGAATTTGTTACTCGCTTTGGGGGAAATAAAGTGATTGAGAAGGTTCTTATTGCTAA
CAATGGCATTGCAGCAGTGAAATGCATGCGGTCTATCCGTAGGTGGTCTTATGAAATGTTTCGAAATGAA
CGTGCAATTAGATTCGTTGTCATGGTCACACCTGAAGACCTTAAAGCCAATGCAGAATACATTAAGATGG
CAGATCACTATGTGCCAGTGCCTGGAGGACCAAACAACAACAACTATGCAAATGTGGAATTAATTCTTGA
TATTGCTAAAAGGATCCCAGTACAAGCAGTGTGGGCTGGCTGGGGTCATGCTTCTGAGAATCCCAAACTA
CCGGAACTTCTCTTGAAAAATGGCATTGCCTTCATGGGTCCTCCAAGCCAGGCCATGTGGGCTTTAGGGG
ATAAGATTGCATCTTCCATAGTGGCTCAAACTGCAGGTATCCCAACTCTTCCCTGGAGCGGCAGTGGTCT
TCGTGTGGACTGGCAGGAAAATGATTTTTCAAAACGTATCTTAAATGTTCCCCAGGAGCTATATGAAAAA
GGTTATGTGAAAGATGTGGATGATGGGCTACAGGCAGCTGAGGAAGTTGGATATCCAGTAATGATCAAGG
CCTCAGAGGGAGGAGGAGGGAAGGGAATTAGAAAAGTCAACAATGCAGATGACTTCCCTAATCTCTTCAG
ACAGGTTCAAGCTGAAGTTCCTGGATCTCCCATATTTGTGATGAGACTAGCCAAACAATCTCGTCATCTG
GAGGTGCAGATCTTAGCGGACCAATATGGCAATGCTATCTCTTTGTTTGGTCGTGATTGCTCTGTACAAC
GCAGGCATCAGAAGATTATTGAAGAAGCACCTGCTACTATTGCTACTCCAGCAGTATTTGAACACATGGA
ACAGTGTGCGGTGAAACTTGCCAAAATGGTGGGTTATGTGAGTGCTGGGACTGTGGAATACCTGTACAGC
CAGGATGGCAGCTTCTACTTTCTGGAATTGAATCCTCGGCTGCAGGTAGAGCACCCTTGTACAGAGATGG
TGGCTGATGTCAATCTCCCTGCAGCACAGCTCCAGATTGCCATGGGGATTCCTCTATATAGAATCAAGGA
TATCCGTATGATGTATGGGGTATCTCCCTGGGGTGATTCTCCCATTGATTTTGAAGATTCTGCACACGTT
CCTTGTCCAAGGGGCCATGTTATTGCTGCTCGGATCACTAGTGAAAATCCAGATGAGGGTTTTAAGCCCA
GCTCAGGAACAGTTCAGGAGCTAAATTTCCGCAGCAATAAGAATGTTTGGGGATATTTCAGTGTTGCTGC
TGCAGGGGGACTTCATGAATTTGCTGATTCTCAGTTTGGTCACTGCTTTTCTTGGGGAGAAAACAGAGAA
```

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

GAGGCAATTTCAAACATGGTGGTGGCTTTGAAGGAGCTGTCTATTCGGGGTGACTTTCGAACTACAGTTG
AATACCTGATCAAATTGTTAGAGACTGAAAGCTTTCAGATGAACAGAATTGATACTGGCTGGCTGGACAG
ACTGATAGCAGAAAAAGTACAGGCTGAGCGACCTGACACCATGTTGGGGGTTGTGTGTGGTGCCCTCCAC
GTGGCAGATGTGAGCCTGCGGAATAGCGTCTCTAACTTCCTTCACTCCTTAGAAAGGGGTCAAGTCCTTC
CTGCTCATACACTTCTGAATACAGTAGATGTTGAACTTATCTATGAGGGAGTCAAGTATGTACTTAAGGT
GACTCGACAGTCCCCCAACTCCTATGTGGTGATCATGAATGGCTCATGTGTAGAAGTAGATGTACATCGG
CTGAGTGACGGTGGACTGCTCTTGTCCTATGATGGCAGCAGTTATACTACGTATATGAAAGAGGAAGTGG
ATAGATATCGCATCACAATTGGCAATAAAACCTGTGTGTTTGAGAAGGAAAATGACCCATCGGTGATGCG
CTCACCTTCTGCTGGGAAGTTAATCCAGTACATTGTAGAAGATGGAGGTCATGTGTTTGCCGGCCAGTGC
TATGCTGAGATTGAGGTAATGAAGATGGTAATGACCTTAACAGCTGTGGAGTCTGGCTGTATCCATTACG
TCAAGCGACCTGGAGCAGCTCTTGACCCTGGCTGTGTACTAGCCAAAATGCAACTGGACAACCCCAGCAA
GGTTCAGCAGGCTGAACTTCACACAGGTAGTCTGCCACGGATCCAGAGCACGGCACTCAGAGGCGAGAAA
CTCCATCGAGTGTTCCATTATGTCCTGGATAATCTGGTCAATGTAATGAATGGATACTGCCTTCCAGATC
CTTTCTTTAGCAGCAAGGTAAAAGACTGGGTAGAGCGATTGATGAAAACCCTCAGAGATCCCTCCCTGCC
TCTCCTAGAATTGCAAGATATTATGACCAGTGTGTCTGGCCGCATTCCCCCCAATGTGGAGAAGTCTATC
AAGAAGGAAATGGCTCAGTATGCTAGCAACATCACATCAGTCCTCTGTCAGTTTCCCAGCCAGCAGATTG
CAAACATCCTAGATAGCCATGCAGCTACATTGAACCGGAAATCTGAACGGGAAGTCTTCTTTATGAATAC
TCAGAGCATTGTTCAGCTGGTACAGAGGTACCGAAGTGGCATCCGAGGCCACATGAAGGCTGTGGTGATG
GATCTGCTCCGGCAGTACCTGCGAGTAGAGACACAATTCCAGAATGGTCACTATGACAAATGTGTATTCG
CCCTCCGAGAAGAGAATAAAAGTGACATGAACACTGTACTGAACTACATCTTCTCTCACGCTCAAGTCAC
CAAGAAGAATCTTCTGGTCACAATGCTTATTGATCAGTTGTGTGGCCGGGACCCTACTCTCACTGATGAG
CTGCTGAATATTCTCACAGAGCTAACTCAACTCAGTAAGACCACCAATGCCAAAGTAGCACTTCGAGCAC
GCCAGGTTCTTATTGCCTCCCATTTGCCATCATATGAGCTTCGCCATAACCAAGTAGAGTCTATCTTCCT
ATCAGCTATTGACATGTATGGACATCAATTTTGCATTGAGAACCTGCAGAAACTCATCCTATCAGAAACA
TCTATTTTTGATGTCCTACCAAACTTCTTCTATCACAGCAACCAAGTAGTGAGGATGGCAGCTCTGGAGG
TGTATGTTCGAAGGGCTTATATTGCCTATGAACTTAACAGCGTACAACACCGCCAGCTTAAGGACAACAC
CTGTGTGGTGGAATTCCAGTTCATGCTGCCCACATCTCATCCAAACAGAGGGAACATCCCTACGCTAAAC
AGAATGTCCTTCTCCTCCAACCTCAACCACTATGGCATGACCCATGTAGCTAGTGTCAGCGATGTACTGT
TGGACAACTCATTCACTCCACCTTGTCAGCGGATGGGCGGAATGGTCTCTTTTCGGACTTTTGAAGATTT
TGTCAGGATCTTTGATGAAGTGATGGGCTGCTTCTCTGACTCCCCACCCCAGAGTCCCACATTCCCTGAG
GCAGGTCACACGTCTCTTTATGATGAGGATAAGGTTCCCAGGGATGAACCAATTCACATTCTCAATGTGG
CTATCAAGACTGACTGTGATATTGAGGATGACAGGCTGGCAGCTATGTTCAGAGAATTTACCCAGCAAAA
TAAAGCTACCCTGGTTGACCATGGGATCCGGCGCCTTACTTTCCTGGTTGCACAAAAGGATTTCAGAAAG
CAGGTCAACTATGAGGTGGATCGGAGATTTCATAGAGAATTCCCTAAATTTTTTACATTCCGAGCAAGGG
ATAAGTTTGAGGAGGATCGTATCTATCGTCATCTGGAGCCTGCTCTGGCTTTCCAGTTAGAGCTGAACCG
GATGAGAAATTTTGACCTCACTGCCATTCCATGTGCTAATCACAAGATGCACCTGTATCTCGGGGCAGCC
AAGGTGGAAGTGGGCACAGAAGTGACAGACTACAGGTTCTTTGTTCGTGCAATCATCAGGCATTCTGATC
TGGTCACCAAGGAAGCTTCTTTTGAATATCTGCAAAATGAAGGGGAGCGGCTACTCCTGGAAGCCATGGA
TGAGTTGGAAGTTGCTTTTAACAATACAAATGTCCGCACTGACTGTAACCACATCTTCCTCAACTTTGTG
CCCACGGTTATCATGGACCCATCAAAGATTGAGGAATCCGTGCGGAGCATGGTAATGCGGTATGGAAGTC
GCCTGTGGAAATTGCGCGTCCTCCAGGCAGAACTGAAAATCAACATTCGCCTGACGCCAACTGGAAAAGC
AATTCCCATCCGCCTCTTCCTGACAAACGAGTCTGGCTATTACTTGGATATCAGCCTATACAAGGAAGTG
ACTGACTCCAGGACAGCACAGATCATGTTTCAGGCATATGGAGACAAACAGGGACCACTGCATGGAATGT
TAATCAATACTCCATATGTGACCAAAGACCTGCTGCAATCAAAGAGGTTCCAGGCACAATCCTTAGGGAC
AACATACATATATGATATCCCAGAGATGTTTCGGCAGTCCCTGATCAAACTCTGGGAGTCTATGTCCACT
CAAGCATTTCTTCCATCTCCCCCTCTGCCTTCTGACATGCTGACTTACACTGAACTGGTACTGGATGATC
AAGGTCAGCTGGTCCACATGAACAGGCTTCCAGGAGGAAATGAGATTGGCATGGTAGCTTGGAAAATGAC
CTTTAAAAGTCCTGAATATCCAGAAGGCCGAGATATCATTGTTATTGGCAATGACATCACATACCGAATT
GGGTCCTTTGGGCCTCAAGAGGATTTGTTATTTCTCAGAGCTTCCGAACTTGCTAGGGCAGAAGGTATTC
CACGCATCTATGTATCAGCCAACAGTGGAGCAAGAATCGGACTGGCAGAAGAAATTCGCCATATGTTTCA
TGTGGCCTGGGTAGATCCTGAGGATCCTTACAAGGGATACAGGTATTTATATCTGACTCCTCAAGATTAT
AAGAGAGTCAGTGCTCTCAACTCTGTCCATTGTGAACACGTGGAAGATGAAGGAGAATCCAGGTACAAGA

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

TAACAGATATTATTGGGAAAGAAGAGGGAATTGGACCCGAGAACCTTCGAGGTTCTGGAATGATTGCTGG
AGAATCCTCATTGGCCTATAATGAGATCATTACCATCAGCCTGGTGACGTGCCGGGCCATTGGGATTGGG
GCTTACCTTGTCCGGCTGGGACAGAGAACCATCCAGGTTGAGAATTCTCACTTAATTCTAACAGGAGCTG
GAGCCCTCAACAAAGTCCTCGGGCGGGAAGTGTACACCTCCAATAACCAGCTGGGGGGCATCCAGATTAT
GCACAACAATGGGGTGACCCACTGCACTGTGTGTGATGACTTTGAAGGGGTTTTCACTGTCCTGCACTGG
CTGTCTTACATGCCCAAGAGCGTGCACAGTTCAGTTCCTCTTCTGAACTCAAAGGATCCTATAGACAGAA
TCATCGAGTTTGTTCCCACAAAGACCCCATACGATCCTCGATGGATGCTAGCAGGCCGTCCTCACCCAAC
CCAAAAAGGTCAGTGGTTGAGTGGCTTTTTTGACTATGGATCTTTCTCAGAGATTATGCAGCCCTGGGCA
CAGACTGTGGTGGTTGGTAGAGCCAGGCTAGGAGGAATACCTGTGGGAGTTGTTGCTGTAGAAACCCGAA
CAGTAGAACTAAGTATCCCAGCTGATCCAGCAAACCTGGATTCTGAAGCCAAGATAATCCAGCAGGCTGG
CCAGGTTTGGTTCCCAGATTCTGCGTTTAAGACGTATCAGGCCATCAAGGACTTCAACCGGGAAGGGCTG
CCTCTGATGGTCTTTGCCAACTGGAGAGGCTTCTCTGGTGGAATGAAAGATATGTACGACCAAGTGCTGA
AGTTTGGTGCTTACATTGTGGATGGCTTGAGGGAGTGCTGCCAGCCTGTGCTGGTTTACATTCCTCCCCA
GGCTGAGCTGCGGGGTGGCTCCTGGGTGGTGATTGACTCCTCCATCAACCCCCGGCACATGGAGATGTAT
GCTGACCGAGAAAGCAGGGGATCTGTTCTGGAGCCAGAAGGGACAGTAGAAATCAAATTCCGCAGAAAGG
ATCTGGTGAAAACCATGCGTCGGGTGGACCCAGTCTACATCCACTTGGCTGAGCGATTGGGGACCCCAGA
GCTAAGCACAGCTGAGCGGAAGGAGTTGGAGAACAAGTTGAAGGAGCGGGAGGAATTCCTAATTCCCATT
TACCATCAGGTAGCCGTGCAGTTTGCTGACTTGCACGACACACCAGGCCGGATGCAGGAGAAGGGTGTTA
TTAGCGATATCCTGGATTGGAAAACATCCCGTACCTTCTTCTACTGGCGGCTGAGGCGTCTTCTGCTGGA
GGACCTGGTCAAGAAGAAAATCCACAATGCCAACCCTGAGCTGACTGATGGCCAGATTCAAGCCATGTTA
AGGCGCTGGTTTGTGGAAGTGGAAGGAACAGTGAAGGCTTATGTTTGGGACAATAATAAGGATCTGGCGG
AGTGGCTAGAGAAACAGCTGACAGAGGAGGATGGTGTTCACTCGGTAATAGAGGAAAACATCAAATGCAT
CAGCAGAGACTACGTCCTCAAGCAAATCCGCAGCTTGGTCCAGGCCAATCCAGAGGTTGCCATGGATTCC
ATCATCCATATGACGCAGCACATATCACCCACTCAGCGAGCAGAAGTCATACGGATCCTCTCCACAATGG
ATTCCCCTTCCACG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Protein Sequence:

>RC216721 representing NM_198838
Red=Cloning site Green=Tags(s)

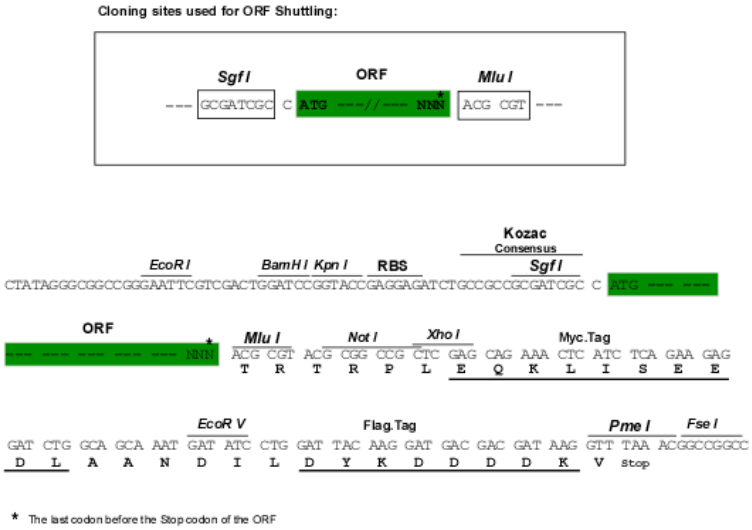
MSGLHLVKQGRDRKKIDSQRDFTVASPAEFVTRFGGNKVIEKVLIANNGIAAVKCMRSIRRWSYEMFRNE
RAIRFVVMVTPEDLKANAEYIKMADHYVPVPGGPNNNNYANVELILDIAKRIPVQAVWAGWGHASENPKL
PELLLKNGIAFMGPPSQAMWALGDKIASSIVAQTAGIPTLPWSGSGLRVDWQENDFSKRILNVPQELYEK
GYVKDVDDGLQAAEEVGYPVMIKASEGGGGKGIRKVNNADDFPNLFRQVQAEVPGSPIFVMRLAKQSRHL
EVQILADQYGNAISLFGRDCSVQRRHQKIIEEAPATIATPAVFEHMEQCAVKLAKMVGYVSAGTVEYLYS
QDGSFYFLELNPRLQVEHPCTEMVADVNLPAAQLQIAMGIPLYRIKDIRMMYGVSPWGDSPIDFEDSAHV
PCPRGHVIAARITSENPDEGFKPSSGTVQELNFRSNKNVWGYFSVAAAGGLHEFADSQFGHCFSWGENRE
EAISNMVVALKELSIRGDFRTTVEYLIKLLETESFQMNRIDTGWLDRLIAEKVQAERPDTMLGVVCGALH
VADVSLRNSVSNFLHSLERGQVLPAHTLLNTVDVELIYEGVKYVLKVTRQSPNSYVVIMNGSCVEVDVHR
LSDGGLLLSYDGSSYTTYMKEEVDRYRITIGNKTCVFEKENDPSVMRSPSAGKLIQYIVEDGGHVFAGQC
YAEIEVMKMVMTLTAVESGCIHYVKRPGAALDPGCVLAKMQLDNPSKVQQAELHTGSLPRIQSTALRGEK
LHRVFHYVLDNLVNVMNGYCLPDPFFSSKVKDWVERLMKTLRDPSLPLLELQDIMTSVSGRIPPNVEKSI
KKEMAQYASNITSVLCQFPSQQIANILDSHAATLNRKSEREVFFMNTQSIVQLVQRYRSGIRGHMKAVVM
DLLRQYLRVETQFQNGHYDKCVFALREENKSDMNTVLNYIFSHAQVTKKNLLVTMLIDQLCGRDPTLTDE
LLNILTELTQLSKTTNAKVALRARQVLIASHLPSYELRHNQVESIFLSAIDMYGHQFCIENLQKLILSET
SIFDVLPNFFYHSNQVVRMAALEVYVRRAYIAYELNSVQHRQLKDNTCVVEFQFMLPTSHPNRGNIPTLN
RMSFSSNLNHYGMTHVASVSDVLLDNSFTPPCQRMGGMVSFRTFEDFVRIFDEVMGCFSDSPPQSPTFPE
AGHTSLYDEDKVPRDEPIHILNVAIKTDCDIEDDRLAAMFREFTQQNKATLVDHGIRRLTFLVAQKDFRK
QVNYEVDRRFHREFPKFFTFRARDKFEEDRIYRHLEPALAFQLELNRMRNFDLTAIPCANHKMHLYLGAA
KVEVGTEVTDYRFFVRAIIRHSDLVTKEASFEYLQNEGERLLLEAMDELEVAFNNTNVRTDCNHIFLNFV
PTVIMDPSKIEESVRSMVMRYGSRLWKLRVLQAELKINIRLTPTGKAIPIRLFLTNESGYYLDISLYKEV
TDSRTAQIMFQAYGDKQGPLHGMLINTPYVTKDLLQSKRFQAQSLGTTYIYDIPEMFRQSLIKLWESMST
QAFLPSPPLPSDMLTYTELVLDDQGQLVHMNRLPGGNEIGMVAWKMTFKSPEYPEGRDIIVIGNDITYRI
GSFGPQEDLLFLRASELARAEGIPRIYVSANSGARIGLAEEIRHMFHVAWVDPEDPYKGYRYLYLTPQDY
KRVSALNSVHCEHVEDEGESRYKITDIIGKEEGIGPENLRGSGMIAGESSLAYNEIITISLVTCRAIGIG
AYLVRLGQRTIQVENSHLILTGAGALNKVLGREVYTSNNQLGGIQIMHNNGVTHCTVCDDFEGVFTVLHW
LSYMPKSVHSSVPLLNSKDPIDRIIEFVPTKTPYDPRWMLAGRPHPTQKGQWLSGFFDYGSFSEIMQPWA
QTVVVGRARLGGIPVGVVAVETRTVELSIPADPANLDSEAKIIQQAGQVWFPDSAFKTYQAIKDFNREGL
PLMVFANWRGFSGGMKDMYDQVLKFGAYIVDGLRECCQPVLVYIPPQAELRGGSWVVIDSSINPRHMEMY
ADRESRGSVLEPEGTVEIKFRRKDLVKTMRRVDPVYIHLAERLGTPELSTAERKELENKLKEREEFLIPI
YHQVAVQFADLHDTPGRMQEKGVISDILDWKTSRTFFYWRLRRLLLEDLVKKKIHNANPELTDGQIQAML
RRWFVEVEGTVKAYVWDNNKDLAEWLEKQLTEEDGVHSVIEENIKCISRDYVLKQIRSLVQANPEVAMDS
IIHMTQHISPTQRAEVIRILSTMDSPST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Cloning Scheme:



ACCN: NM_198838

ORF Size: 6804 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:
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_198838.1, NP_942135.1

RefSeq Size: 9766 bp

RefSeq ORF: 6807 bp

Locus ID: 31

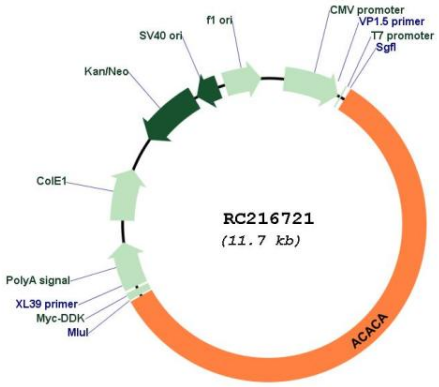
UniProt ID: Q13085

Cytogenetics: 17q12

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Protein Families:	Druggable Genome
Protein Pathways:	Fatty acid biosynthesis, Insulin signaling pathway, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism
MW:	257.1 kDa
Gene Summary:	Acetyl-CoA carboxylase (ACC) is a complex multifunctional enzyme system. ACC is a biotin-containing enzyme which catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. There are two ACC forms, alpha and beta, encoded by two different genes. ACC-alpha is highly enriched in lipogenic tissues. The enzyme is under long term control at the transcriptional and translational levels and under short term regulation by the phosphorylation/dephosphorylation of targeted serine residues and by allosteric transformation by citrate or palmitoyl-CoA. Multiple alternatively spliced transcript variants divergent in the 5' sequence and encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC216721

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US