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Product datasheet for SC216841

ACACB (NM_001093) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ACACB (NM_001093) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACACB
Synonyms:	ACC-beta; ACC2; ACCB; HACC275
ACCN:	NM_001093
Insert Size:	1894 bp

View online »

Insert Sequence:

>SC216841 3'UTR clone of NM_001093
The sequence shown below is from the reference sequence of NM_001093. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTACCATGGACAGCCCGGCCTCCACCTGACCGTGGCCCGCCCAGCCACTCCCGGGACCACGGCAAAAG
GAACCACCCAGACCCACCACCCGTACACCCTCAGCAGACCCTGAAGACTTGCTTTTAAACAAAGAAAAT
CCTGGGCACTTCTGCAGGGCTGCTGGTTCCGAGCTGACACCCGTCTTAACAAAAGGCCCAGGAGTGCCT
CTTCCAAACAAAAACAGCCTCCTCTCCATAGCTGGGAAGTTTATTTTGTTTTGTCTCTGAAGACAGCAG
TTTTATTGCATCACTAAATCTAATCAAGCTAAAACATCCCTGTTTCCTTTTGCAAAACAGTGCCTGGCA
TGTGGGATCCAGGCGTTCTTTAGGATCCTTGGATACCACATCGTGAAATCTTTTATTTTTTTACTCTGA
GACCAGCACCAGATGTAAGTAAGCATCTCATATATTTCAGCCAAATAAATGGGCCAAGGGAAAAAAATA
TATATATATAGACAGGACTAGAGAAAACCTATTTTTGTAATGATGTTTCTTTGGATACTGTCTAGTCAC
CCAGAAAAATGTATGGATGAATTTTTTTTTTTTTTTTGAGACAAAGTCTCACTGTGTCATGCAGGCTG
GAGTGCAGTGGCATGATCTCACTGCAACCTCCATCTCCTGTCTCAGCCTCCTAGATAACTGGGATTACA
GGTGCCCACCACCATGCCCGGCTAATTTTTGTATTTTTGGTAGAGACAGAGTTTCACCAGGTTGGTCAG
GCTGGTCTCAAACTCTTGACTTCAGGTAATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGC
ATGAGCCACCATCTTCAGCCAGATGATTTTTTTATTGAGAGAGTGAAATGCTATTTTGTTCCCCAAATG
GCGCTAGTGAATCACTAGGAGGGTCCCACTGATAGGCCATGTTTAGCACTGGTTGCCAGGGATTCTCTT
TTTGAGAGAGGGAAAGCAAAATGAATGGAAGTACCCAGCTGGAGGTTTCAGGGCTTCTGGAGGATGCTC
TCGCATAGCTCGAGGTCCTCTGCCCACCTCTTCTCTCCAAGGAAAATGAGGACTGCCCCTTCCCCCTGC
AGGATTGGCCCCCAGCCTGCGCATGCACCCTCCTCTTGCCCAAGTGGGGAGCACAGAGGCGGAGAGGAA
TCCCTTACCACACCCACGGCCCAGCTTGCTCACGAGTGTCACCTCTGTGACGGTCACCACTGCTCCCTT
GGAGGGCCACTTGAGTTACTGTTGCTTCCTCGCCTGCTGGCTTGATGAGCACCGATGGTGGGATCTGAC
CCCGAGGGGCAGAGCTGTCGGTGACTGAGGACTGGACTGTGGTGACCATGCCGATTTGCTCAGGGAGAA
CGTTGCAATGCACCCAGCAGCTCCTGGCTCTGCAGGCGGCACAGCCTGGGGCCCTGTGATCCTCTGGTT
TCTTCCATTGGGGCGGAGTCGGGGATGGAGGGAGCTGGCCACAACCCACTGCTCTGATGGGTGGTTTGT
CCAAGGATGCTGAATGTAATGCCTGGTCAATGTGGAAGCCCATGAGGTTGCCCAGGGAAGCCTCCAAAA
GCTGGGATGCTTGAGGGTATCCAAGTTGAAAAAGACAAAATCTGACCATCAGCCAGTGACAGTCCTGGC
AAATGAAGGTGGGGCGGGGCAGTGAGGGGTGGGAGAAGGTGAATGATTCATTATTCCACCCCGAGGTTT
GCTGGGGTGAGGGGAAGAATCGATGCTGCTTTGGGAACTGAAGGTTTTTCTGTTGGGAAGGCCCTCTTG
GTTTTGGAGAGAAAGACAAGTTATGAGTAGCTGCTACCCTGGAACGGTGGGCAGAGAGCCTACTAGGAA
ATGTGCAGAATAAACTATTTTTTGAAGGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_001093.4

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. ACC-beta is thought to control fatty acid oxidation by means of the ability of malonyl-CoA to inhibit carnitine-palmitoyl-CoA transferase I, the rate-limiting step in fatty acid uptake and oxidation by mitochondria. ACC-beta may be involved in the regulation of fatty acid oxidation, rather than fatty acid biosynthesis. There is evidence for the presence of two ACC-beta isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 32

MW: 69.6