

Acetyl-CoA carboxylase 1 (Acaca) Recombinant Protein | Acaca recombinant protein

Recombinant Rat Acetyl-CoA carboxylase 1 (Acaca), partial

CATALOG # AAA113238	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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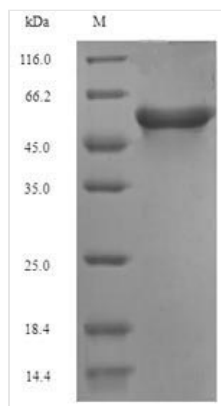
PRODUCT SYNONYMS

Acetyl-CoA carboxylase 1 (Acaca); Recombinant Rat Acetyl-CoA carboxylase 1 (Acaca); partial; ACC-alpha; Acaca recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	116-617. Partial,provide Biotin carboxylation domain
Sequence	VIEKVLIAN GIAAVKCMRS IRRWSYEMFR NERAIRFVVM VTPEDLKANA EYIKMADHYV PVPGGANNNN YANVELILDI AKRIPVQAVW AGWGHASENP KPELLLLKNG IAFMGPPSQ MWALGDKIAS SIVAQTAGIP TLPWSGSGLR VDWQENDFSK RILNVPQDLY EKG YVKD VDD GLKAAEEVGY PVMIKASEGG GGKGIRKVNN ADDFPNLFRQ VQAEVPGSPI FVMRLAKQSR HLEVQILADQ YGNAISLFGR DCSVQRRHQK IIEEAPAAIA TPAVFEHMEQ CAVKLAKMVG YVSAGTVEYL YSQDGSFYFL ELNPRLQVEH PCTEMVADV N LPAAQLQIAM GIPLFRIKDI RMMYG VSPWG DAPIDFENSA HVPCPRGHVI AARITSENP D EGFKPSSGT V QELNFRSNKN VWGYFSVAAA GGLHEFADSQ FGHCFSWG EN REEAISNMV V ALKELSIRGD FRTTVEYLIK LLETESFQLN RIDTGWLDRL IA
Species	Rat
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Acaca recombinant protein	Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase.
Product Categories/Family for Acaca recombinant protein	Cancer

References	"Structure of the coding sequence and primary amino acid sequence of acetyl-coenzyme A carboxylase." Lopez-Casillas F., Bai D.-H., Luo X., Kong I.-S., Hermodson M.A., Kim K.-H. Proc. Natl. Acad. Sci. U.S.A. 85:5784-5788(1988)
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	60581
UniProt Accession #	P11497; P97902; A1EC79
Molecular Weight	57.8 kDa
NCBI Official Synonym Full Names	acetyl-CoA carboxylase alpha
NCBI Official Symbol	Acaca
NCBI Official Synonym Symbols	ACC1; Acac
NCBI Protein Information	acetyl-CoA carboxylase 1
UniProt Protein Name	Acetyl-CoA carboxylase 1
UniProt Gene Name	Acaca
UniProt Synonym Gene Names	Acac; ACC1
UniProt Entry Name	ACACA_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.