

Recombinant Human ACACA protein, His-tagged

Cat. No. ACACA-4123H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACACA protein(Q13085)(78-617aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	78-617a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	67.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence


SMSGLHLVKQGRDRKKIDSQRDFTVASPAEFVTRFGGNKVIKVLIANNGIAAVKCM
 RSIRRWSYEMFRNERAIRFVVMVTPEDLKANA EYIKMADHYVPVPGGPNNNNYANV
 ELILDIAKRIPVQAVWAGWGHASENPKLPELLLNKNGIAFMGPPSQAMWALGDKIASSI
 VAQTAGIPTLPWSGSGLRVDWQENDFSKRILNVPQELYEKGYVKDVDDGLQAAEEV
 GYPVMIKASEGGGGKIRKVNADDFFPNLFRQVQAEVPGSPIFVMRLAKQSRHLEV
 QILADQYGN AISLFGDCSVQRRHQKIIIEAPATIATPAVFEHMEQCAVKLAKMVG YV
 SAGTVEYLYSQDGSFYFLELNPRLQVEHPCTEMVADVNLPA AQLQIAMGIPLYRIKDI
 RMMYGVSPWGDSPIDFEDSAHVPCPRGHVIAARITSENPD EGFKSSGTVQELNFR
 SNKNVWGYFSVAAAGGLHEFADSQFGHCF SWGENREEAISNMVVALKELSIRGDF
 RTTVEYLIKLETESFQMNRIDTGWLDRLI

GENE INFORMATION

Gene Name	ACACA acetyl-CoA carboxylase alpha [Homo sapiens]
Official Symbol	ACACA
Synonyms	ACACA; acetyl-CoA carboxylase alpha; ACAC, ACC, acetyl Coenzyme A carboxylase alpha; acetyl-CoA carboxylase 1; ACC1; acetyl CoA carboxylase 1; ACC-alpha; acetyl-Coenzyme A carboxylase alpha; ACC; ACAC; ACCA; ACACAD;
Gene ID	31
mRNA Refseq	NM_198834
Protein Refseq	NP_942131
MIM	200350

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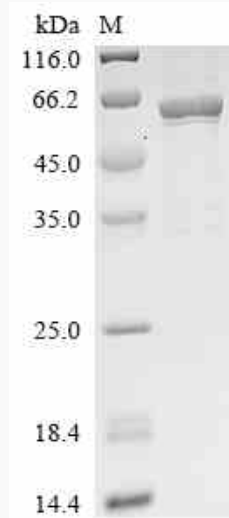
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UniProt ID

Q13085

SDS-PAGE



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