

Recombinant Zebrafish acaca Protein, His&GST-tagged

Cat. No. acaca-17Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish acaca Protein (Pro1961-Cys2277) with N-His&GST tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Pro1961-Cys2277
Description	Predicted to enable ATP binding activity; acetyl-CoA carboxylase activity; and metal ion binding activity. Acts upstream of or within response to (R)-carnitine. Is expressed in liver and male organism. Orthologous to human ACACA (acetyl-CoA carboxylase alpha).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 66.2 kDa Accurate Molecular Mass: 63 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[acaca acetyl-CoA carboxylase alpha \[Danio rerio \(zebrafish\) \]](#)

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

[559403](#)

mRNA Refseq

[NM_001271308](#)

Protein Refseq

[NP_001258237](#)

UniProt ID

[F6P055](#)

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