

Recombinant Mouse HACL1 Protein, His-tagged

Cat. No. HACL1-1611M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse HACL1 Protein (Met1-Asn287) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Asn287
Description	Enables carbon-carbon lyase activity. Involved in fatty acid alpha-oxidation. Acts upstream of or within lipid metabolic process. Predicted to be located in nucleoplasm. Predicted to be active in peroxisome. Is expressed in several structures, including adipose tissue; alimentary system; eye; genitourinary system; and nervous system. Orthologous to human HACL1 (2-hydroxyacyl-CoA lyase 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.1 kDa Accurate Molecular Mass: 34 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Hac1l 2-hydroxyacyl-CoA lyase 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Hac1l](#)

Synonyms

HACL1; 2-hydroxyacyl-CoA lyase 1; 2-HPCL; 2-hydroxyphytanoyl-CoA lyase; phytanoyl-CoA 2-hydroxylase 2; Hpcl; Phyh2; 1600020H07Rik;

Gene ID

[56794](#)

mRNA Refseq

[NM_019975](#)

Protein Refseq

[NP_064359](#)

UniProt ID

[Q9QXE0](#)

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