

Recombinant Mouse Echs1 Protein, His-tagged

Cat. No. Echs1-1397M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Echs1 Protein (Ala28-His290) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala28-His290
Description	Predicted to enable enoyl-CoA hydratase activity. Predicted to be involved in fatty acid beta-oxidation. Predicted to act upstream of or within fatty acid metabolic process. Located in mitochondrion. Is expressed in several structures, including alimentary system; genitourinary system; integumental system; nervous system; and sensory organ. Orthologous to human ECHS1 (enoyl-CoA hydratase, short chain 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.2 kDa Accurate Molecular Mass: 32 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

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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

Echs1 enoyl Coenzyme A hydratase, short chain, 1, mitochondrial [*Mus musculus* (house mouse)]

Official Symbol

[Echs1](#)

Synonyms

ECCHS1; enoyl Coenzyme A hydratase, short chain, 1, mitochondrial; enoyl-CoA hydratase, mitochondrial; SCEH; enoyl-CoA hydratase 1; short chain enoyl-CoA hydratase; short-chain enoyl-CoA hydratase; C80529;

Gene ID

[93747](#)

mRNA Refseq

[NM_053119](#)

Protein Refseq

[NP_444349](#)

UniProt ID

[Q8BH95](#)

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