

## Recombinant Mouse Echs1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Echs1 Protein (Ala28-His290) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala28-His290
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 32.2 kDa Accurate Molecular Mass: 32 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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**

ECHS1; 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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