

## Recombinant Mouse Echs1 protein, His&HA-tagged

**Cat. No.** Echs1-4226M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Echs1 protein, fused to N-terminal His tag and C-terminal HA tag, was expressed in E.coli.                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 28-290aa(C225S)                                                                                                                                                                                                                    |
| <b>Form</b>             | 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. |
| <b>Molecular Mass</b>   | 35.6 kDa                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                           |
| <b>Reconstitution</b>   | 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 concentration) and aliquot for long-term storage at -20°C/-80°C.                          |

### GENE INFORMATION

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|                 |                                                                                                                                                                                                              |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Echs1 enoyl Coenzyme A hydratase, short chain, 1, mitochondrial [ Mus musculus ]                                                                                                                             |
| 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                                                                                                                                                                                                    |

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