





# Recombinant Mouse Enoyl-CoA hydratase, mitochondrial (Echs1) (C225S)

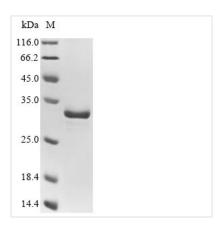
Product Code	CSB-BP804339MO(M)
Abbreviation	Recombinant Mouse Echs1 protein (C225S)
5	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8BH95
Form I	Liquid or Lyophilized powder
· ·	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.
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
(	ASGANFQYIITEKKGKNSSVGLIQLNRPKALNALCNGLIEELNQALETFEQDPAV GAIVLTGGDKAFAAGADIKEMQNRTFQDCYSSKFLSHWDHITRVKKPVIAAVN GYALGGGCELAMMCDIIYAGEKAQFGQPEILLGTIPGAGGTQRLTRAVGKSLA MEMVLTGDRISAQDAKQAGLVSKIFPVEKLVEEAIQSAEKIASNSKIVVAMAKES VNAAFEMTLTEGNKLEKRLFYSTFATDDRREGMTAFVEKRKANFKDH
Research Area	Cancer
Source	Baculovirus
Target Names	Echs1
Expression Region 2	28-290aa(C225S)
	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal HA-tagged
Mol. Weight	32.0 kDa
<u> </u>	32.0 kDa Full Length of Mature Protein



#### **CUSABIO TECHNOLOGY LLC**







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### **Description**

Elevate your cancer research with our Recombinant Mouse Echs1, also known as the Enoyl-CoA hydratase, or mECH. This mitochondrial protein, produced using baculovirus, is an essential tool for understanding the complex metabolic pathways involved in cancer progression.

Our Echs1 is a full-length mature protein (28-290aa, C225S mutation), offering a comprehensive view of its function and structure. The dual-tag system - Nterminal 10xHis-tag and C-terminal HA-tag, ensures its efficient purification and increased stability. With a purity greater than 85% as determined by SDS-PAGE, our Recombinant Mouse Echs1 meets the high standards required for precise scientific exploration. Choose between the immediate readiness of a liquid form or the longevity of a lyophilized powder to best fit your research workflow.

#### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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