

Recombinant Mouse Echs1 Protein, Myc/DDK-tagged

Cat. No. Echs1-2719M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length enoyl Coenzyme A hydratase, short chain, 1, mitochondrial (Echs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Straight-chain enoyl-CoA thioesters from C4 up to at least C16 are processed, although with decreasing catalytic rate. Has high substrate specificity for crotonyl-CoA and moderate specificity for acryloyl-CoA, 3-methylcrotonyl-CoA and methacrylyl-CoA. It is noteworthy that binds tiglyl-CoA, but hydrates only a small amount of this substrate.
Molecular Mass	31.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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