

Recombinant Mouse Echdc1 Protein, Myc/DDK-tagged

Cat. No. Echdc1-2717M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length enoyl Coenzyme A hydratase domain containing 1 (Echdc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Decarboxylates ethylmalonyl-CoA, a potentially toxic metabolite, to form butyryl-CoA, suggesting it might be involved in metabolite proofreading. Also has methylmalonyl-CoA decarboxylase activity at lower level.
Molecular Mass	35.5 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name Echdc1 enoyl Coenzyme A hydratase domain containing 1 [Mus musculus (house mouse)]

Official Symbol Echdc1

Synonyms ECHDC1; enoyl Coenzyme A hydratase domain containing 1; ethylmalonyl-CoA decarboxylase; methylmalonyl-CoA decarboxylase; enoyl-CoA hydratase domain-containing protein 1; MMCD; AI314462; AI930038; D10ErtD667e; 1700028A24Rik

Gene ID 52665

mRNA Refseq NM_025855

Protein Refseq NP_080131

UniProt ID Q9D9V3

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