

Recombinant Human ECHDC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ECHDC1-2302H **Lot. No.** (See product label)

SPECIFICATION

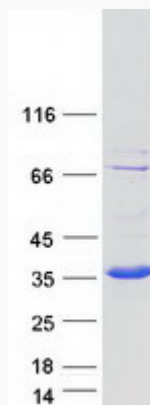
Product Overview	ECHDC1 MS Standard C13 and N15-labeled recombinant protein (NP_001132982) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Decarboxylates ethylmalonyl-CoA, a potentially toxic metabolite, to form butyryl-CoA, suggesting it might be involved in metabolite proofreading. Also has methylmalonyl-CoA decarboxylase activity at lower level.
Molecular Mass	33.5 kDa
AA Sequence	MALKQEMAKSLLKTASLSGRTKLLHQTGLSLYSTSHGFYEEEVKCTLQQFPGGSIDL QKEDNGIGILTNNPSRMNAFSGVMMLQLLEKVIELENWTEGKGLIVRGAKNTFSSG SDLNAVKSLGTPEDGMAVCMFMQNTLTRFMRLPLISVALVQGWALGGGAFTTAC DFRLMTPESKIRFVHKEMGIIPSWGTTTRLVEIIGSRQALKVLGALKLDSKNALNIGM VEEVLQSSDETKSLEEAQEWLQKFIQGPPEVIRALKKSVCSGRELYLEEALQNERDL LGTWVGGPANLEAIAKKGKFNKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	ECHDC1 enoyl CoA hydratase domain containing 1 [Homo sapiens (human)]
Official Symbol	ECHDC1
Synonyms	ECHDC1; enoyl CoA hydratase domain containing 1; enoyl Coenzyme A hydratase domain containing 1; ethylmalonyl-CoA decarboxylase; dJ351K20.2; methylmalonyl-CoA decarboxylase; enoyl-CoA hydratase domain-containing protein 1; MMCD; FLJ40827; DKFZp762M1110;
Gene ID	55862
mRNA Refseq	NM_001139510
Protein Refseq	NP_001132982
MIM	612136
UniProt ID	Q9NTX5

SDS-PAGE

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