

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

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

## SPECIFICATION

<b>Product Overview</b>	ECHDC1 MS Standard C13 and N15-labeled recombinant protein (NP_001132982) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	33.5 kDa
<b>AA Sequence</b>	MALKQEMAKSLLKTASLSGRTKLLHQTGLSLYSTSHGFYEEEVKKTLLQQFPGGSIDL QKEDNGIGILTNNPSRMNAFSGVMMLQLLEKVIELENWTEGKGLIVRGAKNTFSSG SDLNAVKSLGTPEDGMAVCMFMQNTLTRFMRLPLISVALVQGWALGGGAEFTTAC DFRLMTPESKIRFVHKEMGIIPSWGTTTRLVEIIGSRQALKVLGALKLDSKNALNIGM VEEVLQSSDETksleEAQEWLkQFIQGPPEVIRALKKSVCSGRELYLEEALQNERDL LGTVWGGPANLEAIAKKGKFNKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

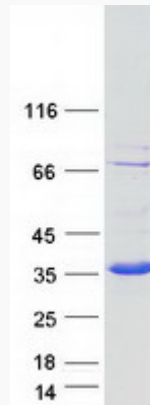
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**SDS-PAGE**



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA