
Product Data Sheet

Product Name: ECHDC1 Human
 Cat. No.: GP21590
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ethylmalonyl-CoA decarboxylase; Enoyl-CoA hydratase domain-containing protein 1; Methylmalonyl-CoA decarboxylase; MMCD; ECHDC1; dj351K20.2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MALKQEMAKS LLKTASLSGR TKLLHQTGLS LYSTSHGFYE EEVKKTLQQF PGGSIDLQKE DNGIGILTLN NPSRMNAFSG VMMLQLLEKV IELENWTEGK GLIVRGAKNT FSSGSDLNAV KSLGTPEDGM AVCMFMQNTL TRFMRLPLIS VALVQGWALGGGAFTTACD FRLMTPESKI RFVHKEMGII PSWGGTTRLV EIIGSRQALK VLSGALKLDS KNALNIGMVE EVLQSSDETK SLEEAQEWLK QFIQGPPEVI RALKKSVCSG RELYLEEALQ NERDLLGTVW GGPANLEAIA KKGKFNK.		
Formulation	The ECHDC1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.		

Introduction

Enoyl CoA hydratase domain containing 1 (ECHDC1) is a member of the enoyl-CoA hydratase/isomerase family. ECHDC1 is an enzyme which hydrates the double bond between the second and third carbons on acyl-CoA. The ECHDC1 enzyme is crucial to metabolizing fatty acids to supply both acetyl CoA and energy.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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SNAP25 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 226 amino acids (1-206 a.a.) and having a molecular mass of 25.4 kDa. SNAP25 is fused to a 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques.

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