

Product datasheet for PH326894

ECHDC1 (NM_001139510) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ECHDC1 MS Standard C13 and N15-labeled recombinant protein (NP_001132982)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226894
Predicted MW:	33.5 kDa
Protein Sequence:	>RC226894 representing NM_001139510 Red=Cloning site Green=Tags(s) MALKQEMAKSLLKTASLSGRTKLLHQTGLSLYSTSHGFYEEEVKKTLLQQFPGGSIDLQKEDNGIGILT LNPSRMNAFSGVMMLQLLEKVIENWTEGKGLIVRGAKNTFSSGSDLNAVKSLGTPEDGMAVCMFMQNTL TRFMRLPLISVALVQGWALGGGAFTTACDFRLMTPESKIRFVHKEMGIIPSWGTTTRLVEIIGSRQALK VLSGALKLDSKNALNIGMVEEVLQSSDETKSLEEAQEWLKQFIQGPPEVIRALKKSVCSGRELYLEEALQ NERDLLGTVWGGPANLEAIAKKGKFNK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001132982
RefSeq ORF:	921
Synonyms:	dj351K20.2; HEL-S-76; MMCD
Locus ID:	55862
UniProt ID:	Q9NTX5

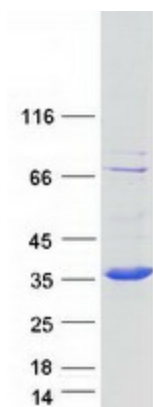


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Cytogenetics: 6q22.33

Summary: Decarboxylases ethylmalonyl-CoA decarboxylase, 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.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ECHDC1 protein (Cat# [TP326894]). The protein was produced from HEK293T cells transfected with ECHDC1 cDNA clone (Cat# [RC226894]) using MegaTran 2.0 (Cat# [TT210002]).