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ECHDC1, 1-307aa, Human, His tag, E.coli

产品货号: TP01956

第三版

别名:Enoyl CoA hydratase domain containing 1, dJ351K20.2.

描述:ECHDC1, also known as enoyl CoA hydratase domain containing 1, belongs to the enoyl-CoA hydratase/isomerase family. Enoyl-CoA hydratase is an enzyme that hydrates the double bond between the second and third carbons on acyl-CoA. This enzyme is essential to metabolizing fatty acids to produce both acetyl CoA and energy. Recombinant human ECHDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl

分子量:35.8 kDa(327aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMALKQEMAKSLLKTASLSGRTKLLHQTGLSLYSTSHGFYEEEVKKTLLQQFPGGSIDLQKE
DNGIGILTLNPNRMNAFSGVMMLQLLEKVIENWTEGKGLIVRGAKNTFSSGDLNAVKSLGTPEDGMAVCMFMQNT
LTRFMRLPLISVALVQGWALGGGAFTTACDFRLMTPESKIRFVHKEMGIIPSWGTTTRLVEIIGSRQALKVLSGALKLDSK
NALNIGMVEEVLQSSDETKSLEEAQEWLKQFIQGPPEVIRALKKSVCSGRELYLEEALQNERDLLGTVWGGPANLEIAIAKK
GKFNK

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.