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ECHS1, 28-290aa, Human, His tag, E.coli

产品货号: TP01957

第三版

别名:Enoyl Coenzyme A hydratase, short chain 1 mitochondrial, SCEH

描述:Enoyl Coenzyme A hydratase, short chain 1 mitochondrial, also known as ECHS1, is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. Expressed in muscle, liver and fibroblasts, with low expression in kidney and spleen, ECHS1 exists as a homohexamer that functions in the second step of the mitochondrial fatty acid β -oxidation pathway. Recombinant human ECHS1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,20% glycerol, 100mM NaCl

分子量:30.6 kDa (284aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMASGANFEYIIAEKRGKNNTVGLIQLNRPKALNALCDGLIDELNQLKIFEEDPAVGAIV
LTGGDKAFAAGADIKEMQNLSFQDCYSSKFLKHWDHLTQVKKPVIAAVNGYAFGGGCELAMMCDIYAGEKAQFAQPE
ILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDRISAQDAKQAGLVSKICPVETLVEEAIQCAEKIASNSKIVVAMAKESVN
AAFEMTLTEGSKLEKLFYSTFATDDRKEGMTAFVEKRKANFKDQ

纯度:> 95% by HPLC

浓度:1 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.