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ECI1, 42-302aa, Human, His tag, E.coli

产品货号: TP01959

第三版

别名:enoyl-CoA delta isomerase 1, DCI

描述:ECI1 is a member of the hydratase/isomerase superfamily. The protein is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described. Recombinant human ECI1 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 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:31.1 kDa (284aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSGFSQRVLVEPDAGAGVAVMKFKNPPVNSLSLEFLTELVISLEKLENDKSFGRGVTSD
RPGVFSAGLDLTEMCGRSPAHYAGYWKAVQELWRLYQSNLVLVSAINGACPAGGCLVALTCDYRILADNPRYCIGLNE
TQLGIIAPFWLKDTLENTIGHRAAERALQLGLLFPPAEALQVGIVDQVVPEEQVQSTALSAIAQWMAIPDHARQLTKAMM
RKATASRLVTQRDADVQNFVFSISKDSIQKSLQMYLERLKEEKG

纯度:> 95% by HPLC

浓度:0.25 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.