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HIBCH, 33-386 aa, Human, His tag, E.coli

产品货号: TP02448

第三版

别名:3-hydroxyisobutyryl-CoA hydrolase, mitochondrial, HIBYLCOAH.

描述:HIBCH is the enzyme responsible for hydrolysis of both HIBYL-CoA and beta-hydroxypropionyl-CoA. Mutations in this gene have been associated with 3-hydroxyisobutyryl-CoA hydrolase deficiency. Alternative splicing results in multiple transcript variants. Recombinant human HIBCH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH 8.0)containing 10% glycerol 0.2M NaCl, 1mM DTT

分子量:42.1kDa(379aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMDAAEEVLEKKGCTGVITLNRPKFLNALTLNMIRQIYPQLKKWEQDPETFLIIK  
GAGGKAFCAGGDIRVISEAEKAKQKIAPVFFREEYMLNNAVVGSCQKPYVALIHGITMGGGVGLSVHGQFRVATEKCLFA  
MPETAIGLFPDVGGGYFLPRLQGKLGFLALTGFRLKGRDVYRAGIATHFVDSEKLMLEEDLLALKSPSKENIASVLENYH  
TESKIDRDKSFIEEHMDKINSCFSANTVEEIIENLQQDGSSFALEQLKVINKMSPTSLKITLRQLMEGSSKTLQEVLTMERYLS  
QACMRGHDFHEGVRAVLIDKQSPKWKPADLKEVTEEDLNNHFKSLGSSDLKF

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.