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BDH1, 47-343aa, Human, His Tag, E.coli

产品货号: TP01317

第三版

别名:D-beta-hydroxybutyrate dehydrogenase, BDH, MGC2723, MGC4347, MGC9788, SDR9C1.

描述:BDH1 is a member of the short-chain dehydrogenase/reductase gene family. This protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.2M NaCl,2mM DTT, 0.1mM PMSF

分子量:35.3 kDa (318aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMASAAEPVGSKAVLVTCDSGFGFSLAKHLHSHKGFVLFAGCLMKDKGHDGVKELDSL  
SDRLRTVQLNVCSSSEVEKVVVEIVRSSLKDPEKGMWGLVNNAGISTFGEVEFTSLETYKQVAEVLNLTGTVRMTKSFLPLIR  
RAKGRVVNISSMLGRMANPARSPYCITKFGVEAFSDCLRYEMYPLGVKVSVEPGNFIAATSLYSPESIQAIKKMWEELPE  
VVRKDYGKKYFDEKIAKMETYCSSGSDTSPVIDAVTHALTATTPYTRYHPMDYYWLRMQIMTHLPGAISDMIYIR

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.