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BDH2, 1-245aa, Human, His tag, E.coli

产品货号: TP01318

第三版

别名:3-hydroxybutyrate dehydrogenase type 2, DHRS6, EFA6R, FLJ13261, PRO20933, SDR15C1, UCPA-OR, UNQ6308.

描述:BDH2, also known as DHRS6, belongs to the short-chain dehydrogenases/reductases (SDR) family. This protein may play an important role in the peripheral utilization of 3-hydroxybutyrate. The cytoplasmic localization with its high ratio of oxidized NAD⁺, the NAD⁺ dependence and the kinetic parameters of BDH2 make it suitable to convert high levels of circulating 3-hydroxybutyrate into acetoacetate.

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

分子量:28.8 kDa (265aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGRDLGKVIILTAAAQGIGQAAALAFAREGAKVIATDINESKLQELEKYPGIQTRVLDVT
KKKQIDQFANEVERLDVLFNVAGFVHHGTVLDCEEKDWDFSMNLNVRSMYLMIKAFLPKMLAQKSGNIINMSSVASSVK
GVVNRCVYSTTKAAVIGLTKSVAADFIQQGIRCNCVCPGTVDTPLQERIQARGNPPEARNDLFLKRQKTGRFATAEEIAM
LCVYLASDESAYVTGNPVIIDGGWSL

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.