



3-Hydroxybutyrate Dehydrogenase, Type 2 Human Recombinant

Item Number rAP-0975

Synonyms 3-hydroxybutyrate dehydrogenase type 2, FLJ13261, PRO20933, SDR15C1, UCPA-OR, UNQ6308, dehy-

drogenase/reductase (SDR family) member 6, Oxidoreductase UCPA, DHRS6, R-beta-hydroxybutyrate

dehydrogenase, EFA6R, EC 1.1.1.30.

Description BDH2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 265 amino acids (1-

245a.a.) and having a molecular mass of 28.8kDa.BDH2 is fused to a 20 amino acid His-tag at N-terminus

& purified by proprietary chromatographic techniques.

Uniprot Accesion Number Q9BUT1

Amino Acid Sequence MGSSHHHHHH SSGLVPRGSH MGRLDGKVII LTAAAQGIGQ AAALAFAREG AKVIATDINE SKLQEL-

EKYP GIQTRVLDVT KKKQIDQFAN EVERLDVLFN VAGFVHHGTV LDCEEKDWDF SMNLNVRSMY LMI-KAFLPKM LAQKSGNIIN MSSVASSVKG VVNRCVYSTT KAAVIGLTKS VAADFIQQGI RCNCVCPGTV DTPSLQERIQ ARGNPEEARN DFLKRQKTGR FATAEEIAML CVYLASDESA YVTGNPVIID GGWSL

Source Escherichia Coli.

Physical Appearance

and Stability

Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store,

frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.

Formulation and Purity

The BDH2 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl and 10%

glycerol. Greater than 95% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only