

32-8031: Recombinant Human 3-Hydroxybutyrate Dehydrogenase Type 2/BDH2/DHRS6 (N-6His)

Gene : BDH2
Gene ID : 56898
Uniprot ID : Q9BUT1

Description

Source: E.coli.

MW :28.9kD.

Recombinant Human DHRS6 is produced by our E.coli expression system and the target gene encoding Met1-Leu245 is expressed with a 6His tag at the N-terminus. 3-Hydroxybutyrate Dehydrogenase Type 2 belongs to the short-chain dehydrogenases/reductases (SDR) family. 3-Hydroxybutyrate Dehydrogenase Type 2 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 3-Hydroxybutyrate Dehydrogenase Type 2 make it suitable to convert high levels of circulating 3-hydroxybutyrate into acetoacetate.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHSSGLVPRGSHMGRLDGKVIILAAAQGIGQAAALAFAREGAKVIATDINESKLQELEKYPGIQT
RVLDVTKKKQIDQFASEVERLDVLFNVAGFVHHGTVLDCEEKDWDFSMNLNVRSMYLMIKAFLPKMLAQKSG
NIINMSSVASSVKGVVNRCVYSTTKAAVIGLTKSVAADFIQQGIRCNCVCPGTVDTPSLQERIQARGNPPEARND
FLKRQKTGRFATAEEIAMLCVYLASDESAYVTGNPVIIDGGWSL

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.