

Recombinant Human BDH2 Protein

Catalog #	Source	Reactivity	Applications
CRP1112	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BDH2 Protein 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.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.		
Gene Symbol	BDH2		
Alternative Names	DHRS6; 3-hydroxybutyrate dehydrogenase type 2; Dehydrogenase/reductase SDR family member 6; Oxidoreductase UCPA; R-beta-hydroxybutyrate dehydrogenase		
Entrez Gene	56898 (Human)		
SwissProt	Q9BUT1 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MGRLDGKVII LTAAQGIGIQ AAALAFAREG AKVIATDINE SKLQELEKYP GIQTRVLDVT KKKQIDQFAS EVERLDVLFN VAGFVHHGTV LDCEEKDWDF SMNLNVRSMY LMIKAFLPKM LAQKSGNIIN MSSVASSVKG VVNRCVYSTT KAAVIGLTKS VAADFIQQGI RCNCVCPGTV DTPSLQERIQ ARGNPPEARND DFLKRQKTGR FATAEEIAML CVYLASDESA YVTGNPVIID GGWSL		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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