

Recombinant Full Length Human BDH2 Protein, GST-tagged

Cat. No. BDH2-1561HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BDH2 full-length ORF (AAH95414.1, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	245 amino acids
Description	Enables 3-hydroxybutyrate dehydrogenase activity and NAD binding activity. Involved in epithelial cell differentiation and fatty acid beta-oxidation. Located in cytosol.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	53.2 kDa
AA Sequence	MGRLDGKVII LTAAQIGQ AAALAFAREG AKVIATDINE SKLQELEKYP GIQTRVLDVT KKKQIDQFAN EVERLDVLFN VAGFVHHGTV LDCEEKDWDF SMNLNVRSMY LMIKAFLPKM LAQKSGNIIN MSSVASSVKG VVNRCVYSTT KAAVIGLTKS VAADFIQQGI RCNCVCPGTV DTPSLQERIQ ARGNPEEARN DFLKRQKTGR FATAEEIAML CVYLASDEST YVTGNPVIID GGWSL
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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GENE INFORMATION

Gene Name	BDH2 3-hydroxybutyrate dehydrogenase, type 2 [Homo sapiens]
Official Symbol	BDH2
Synonyms	BDH2; 3-hydroxybutyrate dehydrogenase, type 2; dehydrogenase/reductase (SDR family) member 6 , DHRS6; 3-hydroxybutyrate dehydrogenase type 2; FLJ13261; PRO20933; SDR15C1; short chain dehydrogenase/reductase family 15C; member 1; UCPA OR; UNQ6308; oxidoreductase UCPA; R-beta-hydroxybutyrate dehydrogenase; dehydrogenase/reductase SDR family member 6; dehydrogenase/reductase (SDR family) member 6; short chain dehydrogenase/reductase family 15C, member 1; DHRS6; EFA6R; UCPA-OR
Gene ID	56898
mRNA Refseq	NM_020139
Protein Refseq	NP_064524
UniProt ID	Q9BUT1

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