

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 LTAAAQGIGQ 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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