

Recombinant Full Length Human BDH2 Protein, C-Flag-tagged

Cat. No. BDH2-1807HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BDH2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables 3-hydroxybutyrate dehydrogenase activity and NAD binding activity. Involved in epithelial cell differentiation and fatty acid beta-oxidation. Located in cytosol.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26.5 kDa
AA Sequence	MGRLDGKVIILTAAAQGIGQAAALAFAREGAKVIATDINESKLQELEKYPGIQTRVLDV TKKKQIDQFAN EVERLDVLFNVAGFVHHGTVLDCEEKDWDFSMNLNVRSMYLMIKA FLPKMLAQKSGNIINMSSVASSVKG VVNRCVYSTTKAAVIGLTKSVAADFIQQGIRCN CVCPGTVDTPSLQERIQARGNPEEARNDFLKRQKTGR FATAEEIAMLCVYLASDES TYVTGNPVIIDGGWSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Butanoate metabolism, Metabolic pathways, Synthesis and degradation of ketone bodies
Full Length	Full L.

GENE INFORMATION

Gene Name	BDH2 3-hydroxybutyrate dehydrogenase 2 [Homo sapiens (human)]
Official Symbol	BDH2
Synonyms	DHRS6; EFA6R; SDR15C1; UCPA-OR; UNQ6308; PRO20933
Gene ID	56898
mRNA Refseq	NM_020139.4
Protein Refseq	NP_064524.3
UniProt ID	Q9BUT1

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