

Human BDH1 Recombinant Protein



RPPB1441

Product Information Protein Information

Product SKU:

RPPB1441

Accession:

Q02338

Host:

E.coli.

Protein description:

BDH1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 318 amino acids (47-343) and having a molecular mass of 35.3kDa. BDH1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

D-beta-hydroxybutyrate dehydrogenase, mitochondrial, BDH, 3-hydroxybutyrate dehydrogenase, BDH1, SDR9C1.

Formulation:

The BDH1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl, 2mM DTT and 0.1mM PMSF.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SGLVPRGSH MASAAEPVGS KAVLVTGCDS GFGFSLAKHL HSKGFLVFAG CLMKDKGHDG
VKELDSLNSD RLRTVQLNVC SSEVEKVVE IVRSSLKDPE KGMWGLVNNA GISTFGEVEF TSLETYKQVA
EVNLWGTVRM TKSFLPLIRR AKGRVVNISS MLGRMANPAR SPYCITKFGV EAFSDCLRYE MYPLGVKVS
VEPGNFIAT SLYSPESIQ AIAKKMWEELP EVVRKDYGKK YFDEKIAKME TYCSSGSTD T SPVIDAVTHA
LTATPYTRY HPMDYYWWLR MQIMTHLPGA ISDMIYIR.