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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BDH1 (Human) Recombinant Protein (P02)

Catalog Number: H00000622-P02

Regulation Status: For research use only (RUO)

Product Description: Human BDH1 full-length ORF (NP_004042.1, 1 a.a. - 343 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLATRLSRPLSRLPGKTLSDRENGARRPLLLGSTS
FIPIGRRTYASAAEPVGSKAVLVTGCDSGFGFSLAKHL
HSKGLVVFAGCLMKDKGHDGKELDSLNSDRLRTVQL
NVCSSEEVEKVVIVRSSLKDPEKGMWGLVNNAGIST
FGEVEFTSLETYKQVAEVLWGTVRMTKSFLPLIRRAK
GRVVNISSMLGRMANPARSPYCITKFGVEAFSDCLRY
EMYPLGVKVSVVEPGNFIAATSLYSPESIQAIKKMWE
ELPEVVRKDYGKKYFDEKIAKMETYCSSGSTDTSVID
AVTHALTATPYTRYHPMDYYWLRMQIMTHLPGAIS
DMIYIR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 64.6

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 622

Gene Symbol: BDH1

Gene Alias: BDH, MGC2723, MGC4347, MGC9788, SDR9C1

Gene Summary: This gene encodes a member of the short-chain dehydrogenase/reductase gene family. The encoded protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. The encoded protein catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]