



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## BDH1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000622-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

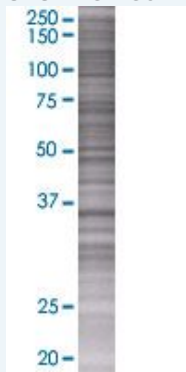
**Plasmid:** pCMV-BDH1 full-length

**Host:** Human

**Theoretical MW (kDa):** 37.84

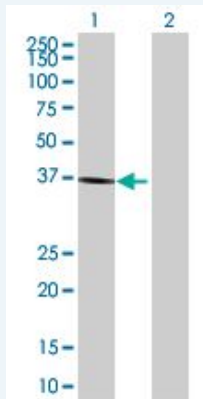
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-BDH1 antibody (H00000622-B01) by Western Blots.

#### SDS-PAGE Gel



BDH1 transfected lysate.

#### Western Blot



Lane 1: BDH1 transfected lysate ( 37.84 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [622](#)

GeneBank Accession#: [NM\\_004051.4](#)

Protein Accession#: [NP\\_004042.1](#)

Gene Name: BDH1

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

Gene Description: 3-hydroxybutyrate dehydrogenase, type 1

Omim ID: [603063](#)

Gene Ontology: [Hyperlink](#)

**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]

**Other Designations:** (R)-3-hydroxybutyrate dehydrogenase,3-hydroxybutyrate dehydrogenase,3-hydroxybutyrate dehydrogenase (heart, mitochondrial),D-beta-hydroxybutyrate dehydrogenase, mitochondrial,short chain dehydrogenase/reductase family 9C, member 1

### Gene Pathway

[Butanoate metabolism](#) [Metabolic pathways](#) [Synthesis and degradation of ketone bodies](#)

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