



# 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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## Datasheet

### HIBADH (Human) Recombinant Protein (P01)

**Catalog Number:** H00011112-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human HIBADH full-length ORF ( NP\_689953.1, 1 a.a. - 336 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MAASLRLLGAASGLRYWSRRLRPAAGSFAAVCSRSV
ASKTPVGFGLGNMGNPMAKNLMKHGYPLIYDVFPDA
CKEFQDAGEQVVSSPADVAEKADRIITMLPTSINAIEAY
SGANGILKKVKKGSLIDSSTIDPAVSKELAKEVEKMGA
VFMDAPVSGGVAARSGNLTFMVGVEDEFAAAQEL
LGCMGSNVVYCGAVGTGQAAKICNNMLLAISMIGTAE
AMNLGIRLGLDPKLLAKILNMSSGRCWSSDTYNPVP
VMDGVPSANNYQGGFGTTLMAKDLGLAQDSATSTKS
PILLGSLAHQIYRMMCAKGYSKKDFSSVFQFLREEETF
```

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 61.7

**Interspecies Antigen Sequence:** Mouse (91); Rat (91)

**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:** 11112

**Gene Symbol:** HIBADH

**Gene Alias:** MGC40361, NS5ATP1

**Gene Summary:** 3-hydroxyisobutyrate dehydrogenase (3-hydroxy-2-methylpropanoate:NAD(+) oxidoreductase, EC 1.1.1.31) is a dimeric mitochondrial enzyme that catalyzes the NAD(+)-dependent, reversible oxidation of 3-hydroxyisobutyrate, an intermediate of valine catabolism, to methylmalonate semialdehyde.[supplied by OMIM]