



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### HADHA (Human) Recombinant Protein (P01)

**Catalog Number:** H00003030-P01

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

**Product Description:** Human HADHA full-length ORF ( NP\_000173.2, 1 a.a. - 763 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MVACRAIGILSRFSAFRILRSRGYICRNFTGSSALLTRT  
HINYGVKGDVAVVRINSPNSKVNTLSKELHSEFSEVMN  
EIWASDQIRSAVLISSKPGCFIAGADINMLAACKTLQEV  
TQLSQEAQRIVEKLEKSTKPIVAAINGSCLEGGLEVAIS  
CQYRIATKDRKTVLGTPEVLLGALPGAGGTQRLPKMV  
GVPAALDMMMLTGRSIRADRAKKMGLVDQLVEPLPGPL  
KPPEERTIEYLEEVAITFAKGLADKKISPKRDKGLVEKL  
TAYAMTIPFVRQQVYKVKVEEKVRKQTKGLYPAPLKIIDV  
VKTGIEQGS DAGYLCESQKFGELVMTKESKALMGLYH  
GQVLCCKNKFGAPQKDVKHLAILGAGLMGAGIAQVSV  
DKGLKTKLDATLTALDRGQQQVFKGLNDKVKKKALTS  
FERDSIFSNTLGQLDYQGF EKADMVIEAVFEDLSLKHR  
VLKEVEAVIPDHCIFASNTSALPISEIAAVSKRPEKVIGM  
HYFSPVDKMQLLEIITTEKTSKDT SASAVAVGLKQGKVI  
IVVKDGPFGFYTTTRCLAPMMSEVIRILQEGVDPKLDL  
TTSFGFPVGAATLVDEVGVDAKHVAEDLGKVFGERF  
GGNPELLTQMVSKGFLGRKSGKGFYIYQEGVKRKDL  
NSDMDSILASLKLPPKSEVSSDEDIQFRLVTRFVNEAV  
MCLQEGILATPAEGDIGAVFGLGFPPCLGGPFRFVDLY  
GAQKIVDRLKKYEAAYGKQFTPCQLLADHANS PNKKF  
YQ

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

**Theoretical MW (kDa):** 109.4

**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:** 3030

**Gene Symbol:** HADHA

**Gene Alias:** ECHA, GBP, HADH, LCHAD, MGC1728, MTPA, TP-ALPHA

**Gene Summary:** This gene encodes the alpha subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. [provided by RefSeq]