



# 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

### **ECHS1 (Human) Recombinant Protein (P02)**

**Catalog Number:** H00001892-P02

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

**Product Description:** Human ECHS1 full-length ORF (AAH08906, 13 a.a. - 290 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

GPLRPPVRCPAWRPFASGANFEYIIAEKRGKNNTVGLI  
QLNRPKALNALCDGLIDELNQLKIFEEDPAVGAILVTG  
GDKAFAAGADIKEMQNLSFQDCYSSKFLKHWDHLTQV  
KKPVIAAVNGYAFGGGCELAMMCDIYAGEKAQFAQP  
EILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDRISAQ  
DAKQAGLVSKICPVETLVEEAIQCAEKIASNSKIVVAMA  
KESVNAAFEMTLTEGSKLEKFLYSTFATDDRKEGMT  
AFVEKRKANFKDQ

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

**Theoretical MW (kDa):** 56.21

**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:** 1892

**Gene Symbol:** ECHS1

**Gene Alias:** SCEH

**Gene Summary:** The protein encoded by this gene functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. The gene product is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. [provided by RefSeq]