



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## ECHS1 monoclonal antibody (M09), clone 3D8

Catalog # : H00001892-M09

規格 : [ 100 ug ]

List All

Specification	Application Image
<b>Product Description:</b> Mouse monoclonal antibody raised against a full-length recombinant ECHS1.	ELISA
<b>Immunogen:</b> ECHS1 (AAH08906.1, 13 a.a. ~ 290 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.	
<b>Sequence:</b> GPLRPPVRCPAWRPFASGANFEYIIAEKRGKNNTVGLIQLNRPKALNALC DGLIDELNQALKIFEEDPAVGAMLTGGDKAFAAGADIKEMQNLSFQDCY SSKFLKHWDHLTQVKKPVIAAVNGYAFGGGCELAMMCDIYAGEKAQFA QPEILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDRISAQDAKQAGLVSK ICPVETLVEEAIQCAEKIASNSKIVAMAKESVNAAFEMLTTEGSKLEKFLF YSTFATDDRKEGMTAFVEKRKANFKDQ	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Isotype:</b> IgG1 Kappa	
<b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.	
<b>Storage Buffer:</b> In 1x PBS, pH 7.4	
<b>Storage Instruction:</b> Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
<b>MSDS:</b>  <a href="#">Download</a>	
<b>Datasheet:</b>  <a href="#">Download</a>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">1892</a>	
<b>GeneBank Accession#:</b> <a href="#">BC008906</a>	
<b>Protein Accession#:</b> <a href="#">AAH08906.1</a>	
<b>Gene Name:</b> ECHS1	
<b>Gene Alias:</b> SCEH	
<b>Gene Description:</b> enoyl Coenzyme A hydratase, short chain, 1, mitochondrial	

Omim ID: [602292](#)

Gene Ontology: [Hyperlink](#)

**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]

**Other Designations:** OTTHUMP00000020811,mitochondrial short-chain enoyl-coenzyme A hydratase 1

#### Gene Pathway

[Benzoate degradation via CoA ligation](#) [beta-Alanine metabolism](#) [Butanoate metabolism](#) [Caprolactam degradation](#) [Fatty acid elongation in mitochondria](#) [Fatty acid metabolism](#) [Limonene and pinene degradation](#) [Lysine degradation](#) [Metabolic pathways](#) [Propanoate metabolism](#) [Tryptophan metabolism](#) [Valine, leucine and isoleucine degradation](#)

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