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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ECHS1 monoclonal antibody (M05), clone 3C6

Catalog # : H00001892-M05

規格 : [100 ug]

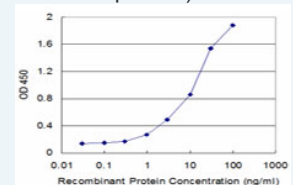
[List All](#)


Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant ECHS1.
Immunogen:	ECHS1 (AAH08906, 13 a.a. ~ 290 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	<p>GPLRPPVRCPAWRPFASGANFEYIIAEKRGKNNTVGLIQLNRPKALNALC DGLIDELNQALKIFEEDPAVGAMLTGGDKAFAAGADIKEMQNLSFQDCY SSKFLKHWDHLTQVKKPVIAAVNGYAFGGGCELAMMCDIYAGEKAQFA QPEILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDRISAQDAKQAGLVSK ICPVETLVEEAIQCAEKIASNSKIVVAMAKESVNAAFEMLTTEGSKLEKFLF YSTFATDDRKEGMTAFVEKRKANFKDQ</p>
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

Sandwich ELISA (Recombinant protein)

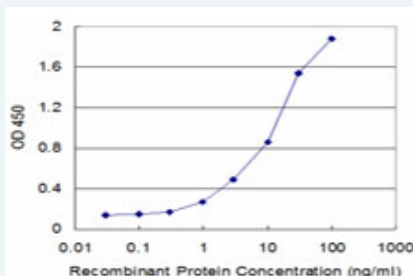


 [enlarge](#)

ELISA

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged ECHS1 is approximately 0.3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1892](#)

GeneBank [BC008906](#)
Accession#:

Protein [AAH08906](#)
Accession#:

Gene Name: ECHS1

Gene Alias: SCEH

Gene Description: 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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