

Recombinant Full Length Human ECHS1 Protein, GST-tagged

Cat. No. ECHS1-4170HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ECHS1 full-length ORF (AAH08906, 13 a.a. - 290 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	13-290 amino acids
Description	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, Jul 2008]
Molecular Mass	56.32 kDa
AA Sequence	GPLRPPVRCPAWRPFASGANFEYIIAEKRGKNNNTVGLIQLNRPKALNALCDGLIDELN QALKIFEEDPAVGAIVLTGGDKAFAAGADIKEMQNLSFQDCYSSKFLKHWDHHLTQVK KPVIAAVNGYAFGGGCELAMMCDIIYAGEKAQFAQPEILIGTIPGAGGTQRLTRAVGK SLAMEMVLTGDRISAQDAKQAGLVSKICPVETLVEEAIQCAEKIASNSKIVVAMAKES VNAAFEMTLTEGSKLEKLFYSTFATDDRKEGMTAFVEKRKANFKDQ
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ECHS1 enoyl CoA hydratase, short chain, 1, mitochondrial \[Homo sapiens \]](#)

Official Symbol [ECHS1](#)

Synonyms ECHS1; enoyl CoA hydratase, short chain, 1, mitochondrial; enoyl Coenzyme A hydratase, short chain, 1, mitochondrial; enoyl-CoA hydratase, mitochondrial; SCEH; enoyl-CoA hydratase 1; short-chain enoyl-CoA hydratase;

Gene ID [1892](#)

mRNA Refseq [NM_004092](#)

Protein Refseq [NP_004083](#)

MIM [602292](#)

UniProt ID [P30084](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA