

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
ProteinLength	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	GPLRPPVRCPAWRPFASGANFEYIIAEKRGKNNTVGLIQLNRPKALNALCDGLIDELN QALKIFEEDPAVGAIVLTGGDKAFAAGADIKEMQNLSFQDCYSSKFLKHWDHLTQVK KPVIAAVNGYAFGGGCELAMMCDIYAGEKAQFAQPEILIGTIPGAGGTQRLTRAVGK SLAMEMVLTGDRISAQDAKQAGLVSKICPVETLVEEAIQCAEKIASNSKIVVAMAKES VNAAFEMTLTEGSKLEKKLFYSTFATDDRKEGMTAFVEKRKANFKDQ
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