

Product datasheet

Recombinant Human ECHS1 protein ab100962

1 Image

Description

<b>Product name</b>	Recombinant Human ECHS1 protein	
<b>Purity</b>	> 95 % SDS-PAGE. ab100962 is purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P30084</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMASGANFEYIAEKRGKNN TVGLIQLNRPK ALNALCDGLIDELNQALKIFEEDPAVGAMLTGGDKAFAAG ADIKEMQNL SFQDCYSSKFLKHWDLTQVKKPVIAAVNGYAFGGGCEL AMMCDIYAGE KAQFAQPEILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDR ISAQDAKQA GLVSKICPVETLVEEAIQCAEKIASNSKIVVAMAKESVNAA FEMTLTEGS KLEKCLFYSTFATDDRKEGMAFVEKRKANFKDQ	
<b>Predicted molecular weight</b>	31 kDa including tags	
<b>Amino acids</b>	28 to 290	
<b>Tags</b>	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab100962** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF

**Form** Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

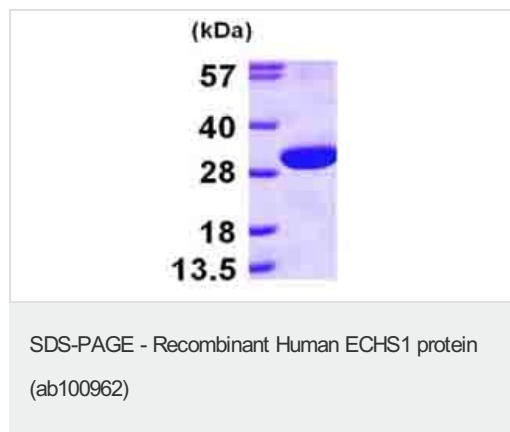
### Relevance

ECHS1 (Enoyl Coenzyme A hydratase, short chain, 1) catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs, in the second step of the mitochondrial fatty acid beta-oxidation pathway.

### Cellular localization

Mitochondrion matrix.

## Images



15% SDS-PAGE showing ab100962 (3 µg) at approximately 30.6 kDa.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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