

## Product datasheet

# Recombinant Human ECH1 protein ab101154

1 Image

### Description

<b>Product name</b>	Recombinant Human ECH1 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab101154 was purified by using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><b>Q13011</b></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<b>MGSSHHHHHSSGLVPRGSHMTGSSAQEAASGVALGE</b> APDHSYESLRVTS AQKHLVHVQLNRPNKRNAMNKVFWREMVECFNKISRDA DCRAVVISGAGK MFTAGIDLMDMASDILQPKGDDVARISWYLRDIITRYQETFN VIERCPKP VIAAVHGGCIGGGVDLVTACDIRYCAQDAFFQVKEVDVGL AADVGTLQRL PKVIGNQSLVNELAFTARKMMADEALGSGLVSRVFPDKE VMLDAALALAA EISSKSPVAVQSTKVNLLYSRDHVAESLNYVASWNMSM LQTQDLVKSQVQATTENKELKTVTFSKL
<b>Predicted molecular weight</b>	34 kDa including tags
<b>Amino acids</b>	34 to 328
<b>Tags</b>	His tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab101154** 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>	Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	MALDI-TOF

**Form** Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

## General Info

### Function

Isomerization of 3-trans,5-cis-dienoyl-CoA to 2-trans,4-trans-dienoyl-CoA.

### Pathway

Lipid metabolism; fatty acid beta-oxidation.

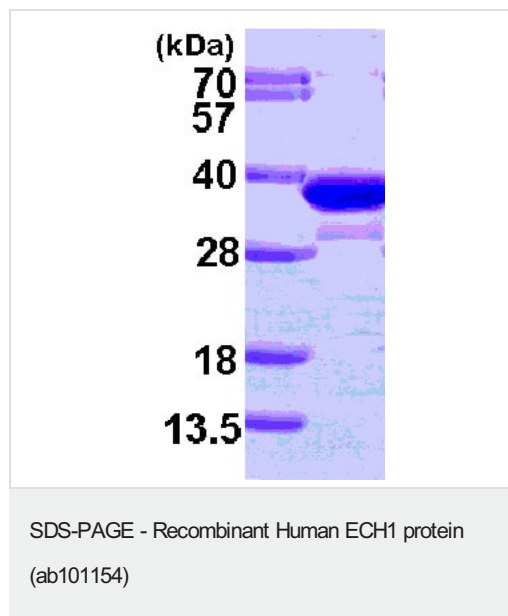
### Sequence similarities

Belongs to the enoyl-CoA hydratase/isomerase family.

### Cellular localization

Mitochondrion. Peroxisome.

## Images



15% SDS-PAGE analysis of ab101154 (3µg)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish

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