

Recombinant Human ECHS1 protein ab100962

1 Image

| Description | |
|----------------------------|---|
| Product name | Recombinant Human ECHS1 protein |
| Purity | > 95 % SDS-PAGE. ab100962 is purified using conventional chromatography techniques. |
| Expression system | Escherichia coli |
| Accession | <u>P30084</u> |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | MGSSHHHHHHSSGLVPRGSHMASGANFEYIAEKR GKNN TVGLIQLNRPK ALNALCDGLIDELNQALKIFEEDPAVGAMLTGGDKAFAAG ADIKEMQNL SFQDCYSSKFLKHWDLTQVKKPVIAAVNGYAFGGGCEL AMMCDIYAGE KAQFAQPEILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDR ISAQDAKQA GLVSKICPVETLVEEAIQCAEKIASNSKIVVAMAKESVNAA FEMLTLEGS KLEKKLFYSTFATDDRKEGMTAFVEKRKANFKDQ |
| Predicted molecular weight | 31 kDa including tags |
| Amino acids | 28 to 290 |
| Tags | His tag N-Terminus |

| Specifications | |
|--|-------------------------------|
| Our <u>Abpromise guarantee</u> 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. | |
| Applications | SDS-PAGE Mass Spectrometry |
| Mass spectrometry | 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

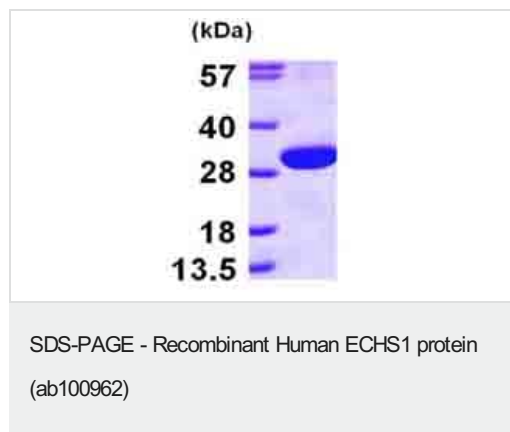
Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

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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