

# Product Datasheet

## Recombinant Human ECHS1 His Protein NBP2-59588-20ug

Unit Size: 20 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 7/26/2021 v.20.1

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**NBP2-59588-20ug**

Recombinant Human ECHS1 His Protein

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 20 ug  |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Preservative</b>            | No Preservative  |
| <b>Purity</b>                  | >95%, by SDS-PAGE  |
| <b>Buffer</b>                  | 20 mM Tris-HCl buffer (pH 8.0), 1 mM DTT, 20% glycerol, 100 mM NaCl                    |
| <b>Target Molecular Weight</b> | 30.6 kDa   |

**Product Description**

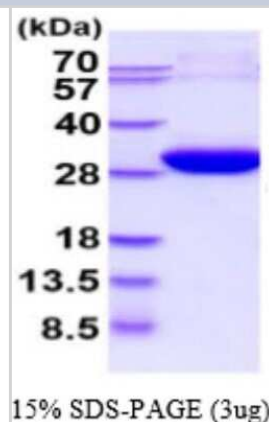
|                                 |  |
|---------------------------------|--|
| <b>Description</b>              | <p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 28-290 of Human ECHS1</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MASGANFEYI<br/>IAEKRGKNNT VGLIQLNRPK ALNALCDGLI DELNQALKIF EEDPAVGAIV<br/>LTGGDKAFAA GADIKEMQNL SFQDCYSSKF LKHWDHLTQV KKPVIAAVNG<br/>YAFGGGCELA MMCDIYAGE KAQFAQPEIL IGTIPGAGGT QRLTRAVGKS<br/>LAMEMVLTGD RISAQDAKQA GLVSKICPVE TLVEEAIQCA EKIASNSKIV<br/>VAMAKESVNA AFEMTLTEGS KLEKKLFYST FATDDRKEGM TAFVEKRKAN<br/>FKDQ</p> |
| <b>Gene ID</b>                  | 1892   |
| <b>Gene Symbol</b>              | ECHS1  |
| <b>Species</b>                  | Human  |
| <b>Details of Functionality</b> | Specific activity is > 150 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 umole of crotonoyl-CoA to hydroxybutyryl-CoA per minute per minute at pH 7.5 at 25C.  |

**Product Application Details**

|                              |                           |
|------------------------------|---------------------------|
| <b>Applications</b>          | SDS-Page, Enzyme Activity |
| <b>Recommended Dilutions</b> | SDS-Page, Enzyme Activity |

**Images**

SDS-Page: Recombinant Human ECHS1 Protein [NBP2-59588] - 15%  
SDS-PAGE (3ug)





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### **Products Related to NBP2-59588-20ug**

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|                  |                                     |
|------------------|-------------------------------------|
| NBP1-48360-0.1mg | Recombinant Human ECHS1 His Protein |
| NBP2-32972-0.1mg | HSP27 Antibody (G3.1)               |
| NBP2-16263       | ECHS1 Antibody                      |
| NBP2-25151       | Lamin A + C Antibody (4C4)          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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