

## Recombinant Human CHDH Protein, GST-Tagged

**Cat. No.** CHDH-1219H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CHDH full-length ORF (NP_060867.1, 1 a.a. - 594 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | The protein encoded by this gene is a choline dehydrogenase that localizes to the mitochondrion. Variations in this gene can affect susceptibility to choline deficiency. A few transcript variants have been found for this gene, but the full-length nature of only one has been characterized to date. [provided by RefSeq, Dec 2010]                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 91.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | <p>MWCLLRGLGRPGALARGALGQQQSLGARALASAGESRDEYSYVVVGAGSAGCV<br/> LAGRLTEDPAERVLLLEAGPKDVRAGSKRLSWKIHMPAALVANLCDDRYNWCYHTE<br/> VQRGLDGRVLYWPRGRVWGGSSSLNAMVYVRGHAEDYERWQRQGARGWDYAH<br/> CLPYFRKAQGHELGASRYRGADGPLRVSRGKTNHPLHCAFLEATQQAGYPLTEDM<br/> NGFQQEGFGWMDMTIHEGKRWSAACAYLHPALSRTNLKAEATLVSRVLFEGTRA<br/> VGVEYVKNGQSHRAYASKEVILSGGAINSPQLLMLSGIGNADDLKKLGIPVVCHLPG<br/> VGQNLQDHLEIYIQQACTRPITLHSAQKPLRKVCIGLEWLWKFTGEGATAHLETGGFI<br/> RSQPGVPHPDIQFHFLPSQVIDHGRVPTQQEAYQVHVGPMTGTSVGWLKLRSANP<br/> QDHPVIQPNYLSTETDIEDFRLCVKLTREIFAQEALAPFRGKELQPGSHIQSDKEIDAF<br/> VRAKADSAYHPSCCTCKMGQPSDPTAVVDPQTRVLGVENLRVVDASIMPSMVSGNL</p> |

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NAPTIMIAEKAADIIGQPALWDKDVPVYKPRTLATQR

**Applications**

Enzyme-linked Immunoabsorbent Assay  
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**

CHDH choline dehydrogenase [ Homo sapiens ]

**Official Symbol**

CHDH

**Synonyms**

CHDH; choline dehydrogenase; choline dehydrogenase, mitochondrial; CDH; CHD;

**Gene ID**

55349

**mRNA Refseq**

NM\_018397

**Protein Refseq**

NP\_060867

**UniProt ID**

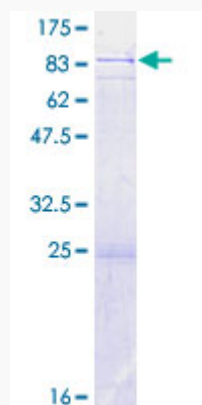
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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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