

Recombinant Full Length Human CHDH Protein, GST-tagged

Cat. No. CHDH-3187HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHDH full-length ORF (NP_060867.1, 1 a.a. - 594 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	594 amino acids
Description	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]
Molecular Mass	91.8 kDa
AA Sequence	MWCLLRGLGRPGALARGALGQQQSLGARALASAGSESRDEYSYVVVGAGSAGCV LAGRLTEDPAERVLLLEAGPKDVRAGSKRLSWKIHMPAALVANLCDDRYNWCYHTE VQRGLDGRVLYWPRGRVWGGSSSLNAMVYVRGHAEDYERWQRQGARGWDYAH CLPYFRKAQGHELGASRYRGADGPLRVSRGKTNHPLHCAFLEATQQAGYPLTEDM NGFQQEGFGWMDMTIHEGKRWSAACAYLHPALSRTNLKAEATLVSRVLFEGTRA VGVEYVKNGQSHRAYASKEVILSGGAINSPQLLMLSGIGNADDLKKLGIPVVCHLPG VGQNLQDHLEIYIQQACTRPITLHSAQKPLRKVCIGLEWLWKFTGEGATAHLETGGFI RSQPGVPHPDIQFHFLPSQVIDHGRVPTQQEAYQVHVGPMTGTSVGWLKLRSANP QDHPVIQPNYLSTETDIEDFRLCVKLTREIFAQEALAPFRGKELQPGSHIQSDKEIDAF

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VRAKADSAYHP SCTCKMGQPSDPTAVVDPQTRVLGVENLRVVDASIMPSMVSGNL
NAPTIMIAEKAADIKGPALWDKDVVYKPRTLATQR

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

Q8NE62

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