

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
Protein Length	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 CLPYFRKAQGHGELGASRYRGADGPLRVSRGKTNHPLHCAFLEATQQAGYPLTEDM NGFQQEGFGWMDMTIHEGKRWSAACAYLHPALSRTNLKAEAE TLVSRVLFEGTRA VGVEYVKNGQSHRAYASKEVILSGGAINSPQLLMLSGIGNADDLKKLGIPVVCHLPG VGQNLQDHLEIYIQQACTRPITLHSAQKPLRKVCIGLEWLWKFTGEGATAHLETGGFI RSQPGVPHPDIQFHF LPSQVIDHGRVPTQQEAYQVHVGP MRGTSV GWLKLRSANP QDHPVIQPNYLSTETDIEDFRLCVKLTREIFAQEALAPFRGKELQPGSHIQSDKEIDAF

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VRAKADSAYHPSCTCKMGQPSDPTAVVDPQTRVLGVENLRVVDASIMPSMVSGNL
NAPTIMIAEKAADIKGGQPALWDKDVPVYKPRTLATQR

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