Recombinant Human CHDH, His-tagged

Cat. No. CHDH-11168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHDH protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	244-594a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CHDH choline dehydrogenase [Homo sapiens]
Official Symbol	CHDH

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Synonyms	CHDH; choline dehydrogenase; choline dehydrogenase, mitochondrial; CDH; CHD;
Gene ID	55349
mRNA Refseq	NM_018397
Protein Refseq	NP_060867
UniProt ID	Q8NE62
Chromosome Location	3p21
Pathway	Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; choline degradation I, organism-specific biosystem;
Function	choline dehydrogenase activity; flavin adenine dinucleotide binding;

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