

## Recombinant Human CHDH, His-tagged

CHDH-11168H Human

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant Human CHDH protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<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.
<b>Source</b>	E.coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Protein length</b>	244-594a.a.
<b>Storage</b>	The protein is stored in PBS buffer at -20. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### Gene Information

<b>Gene Name</b>	<a href="#">CHDH choline dehydrogenase [ Homo sapiens ]</a>
<b>Official Symbol</b>	CHDH
<b>Synonyms</b>	CHDH; choline dehydrogenase; choline dehydrogenase, mitochondrial; CDH; CHD;
<b>Gene ID</b>	<a href="#">55349</a>
<b>mRNA Refseq</b>	<a href="#">NM_018397</a>
<b>Protein Refseq</b>	<a href="#">NP_060867</a>
<b>UniProt ID</b>	<a href="#">Q8NE62</a>
<b>Chromosome Location</b>	3p21
<b>Pathway</b>	Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; choline degradation I, organism-specific biosystem;
<b>Function</b>	choline dehydrogenase activity; flavin adenine dinucleotide binding;

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