

## Recombinant human UQCRH, His-tagged

**Cat. No.** UQCRH-2457H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human UQCRH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	UQCRH belongs to the UQCRH/QCR6 family. This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may mediate formation of the complex between cytochromes c and c1.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
<b>Molecular Mass</b>	11.6kDa (101aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSGDPEEEEE EEEEELVDPL TTVREQCEQL EKCVKARERL ELCDERVSSR SHTEEDCTEE LFDLHARDHCVAHKLFNNL K
<b>Purity</b>	>95% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store

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at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [UQCRH ubiquinol-cytochrome c reductase hinge protein \[ Homo sapiens \]](#)

**Official Symbol** UQCRH

**Synonyms** UQCRH; ubiquinol-cytochrome c reductase hinge protein; cytochrome b-c1 complex subunit 6, mitochondrial; QCR6; ubiquinol cytochrome c reductase; complex III subunit VIII; UQCR8; complex III subunit 6; mitochondrial hinge protein; cytochrome c1 non-heme 11 kDa protein; ubiquinol-cytochrome c reductase complex 11 kDa protein; ubiquinol-cytochrome c reductase, complex III subunit VIII; MGC111572;

**Gene ID** [7388](#)

**mRNA Refseq** [NM\\_006004](#)

**Protein Refseq** [NP\\_005995](#)

**MIM** [613844](#)

**UniProt ID** [P07919](#)

**Chromosome Location** 1p34.1

**Pathway** Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle

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contraction, conserved biosystem; Cytochrome bc1 complex, organism-specific biosystem; Cytochrome bc1 complex, conserved biosystem; Electron Transport Chain, organism-specific biosystem;

**Function**

protein complex binding; ubiquinol-cytochrome-c reductase activity;

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