

Recombinant human UQCRH, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human UQCRH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	11.6kDa (101aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSGDPEEEEE EEEEEELVDPL TTVREQCEQL EKCVKARERL ELCDERVSSR SHTEEDCTEE LFDLHARDHCVAHKLFNNL K
Purity	>95% by SDS - PAGE
Applications	SDS-PAGE
Storage	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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