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## Product Data Sheet

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Product Name: UQCRH Human  
 Cat. No.: GP24960  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cytochrome c1 non-heme 11 kDa protein; Ubiquinol-cytochrome c reductase complex 11 kDa protein; UQCRH; Ubiquinol-Cytochrome C Reductase Hinge Protein; Complex III Subunit VIII; Complex III Subunit 6; Mitochondrial Hinge Protein; Ubiquinol-Cytochrome C Reductase; QCR6; UQCR8; Cytochrome B-C1 Complex Subunit 6 Mitochondrial; Ubiquinol-Cytochrome C Reductase Complex III Subunit VIII.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSGDPEEEEE EEEEELVDPL TTVREQCEQL EKCVKARERL ELCDERVSSR SHTEEDCTEE LDFDLHARDH CVAHKLFNNL K.		
Formulation	UQCRH protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

### Introduction

Ubiquinol-Cytochrome C Reductase Hinge Protein (UQCRH) is a member of the UQCRH/QCR6 family. UQCRH 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. The UQCRH protein mediates formation of the complex between cytochromes c and c1.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

UQCRH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 101 amino acids (14-91 a.a) and having a molecular mass of

**Caution: Product has not been fully validated for medical applications. For research use only.**

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11.6kDa.UQCRH is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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