# **Recombinant Human UQCRH Protein (GST Tag)**

Catalog Number: PKSH032335



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Synonyms Cytochrome b-c1 complex subunit 6;mitochondrial;Complex III subunit 6;Complex

III subunit VIII;Cytochrome c1 non-heme 11 kDa protein;Mitochondrial hinge

protein; Ubiquinol-cytochrome c reductase complex 11 kDa protein

SpeciesHumanExpression HostE.coli

SequenceMet 1-Lys91AccessionP07919Calculated Molecular Weight37.5 kDaObserved molecular weight31-55 kDaTagN-GST

### **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation** Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

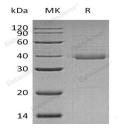
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

#### Data



> 95 % as determined by reducing SDS-PAGE.

## **Background**

Cytochrome b-c1 complex subunit 6, mitochondrial (UQCRH) belongs to the UQCRH/QCR6 family, it is a subunit of the respiratory chain protein Ubiquinol Cytochrome c Reductase. 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. UQCRH may mediate formation of the complex between cytochromes c and c1. It may mediate formation of the complex between cytochromes c and c1.

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