

# Recombinant Full Length Human UQCRFS1 Protein, GST-tagged

**Cat. No.** UQCRFS1-569HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant full length Human UQCRFS1(1 a.a. - 274 a.a.), fused with GST at N-terminal, was expressed in Wheat Germ.

### Species

Human

### Source

In Vitro Cell Free System

### ProteinLength

274 amino acids

### Description

Predicted to enable oxidoreductase activity. Involved in mitochondrial respiratory chain complex III assembly and respiratory electron transport chain. Located in mitochondrion. Part of mitochondrial respiratory chain complex III and mitochondrial respiratory chain complex IV. Implicated in mitochondrial complex III deficiency.

### Form

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Molecular Mass

55.88 kDa

### AA Sequence

MLSVAARSGP FAPVLSATSR GVAGALRPLV QATVPATPEQ PVLDLKRPFL  
 SRESLSGQAV RRPLVASVGL NVPASVCYSH TDIKVPDFSE YRRLEVLDST  
 KSSRESSEAR KGFSYLVTVG TTVGVAYAANK NAVTQFVSSM SASADVLALA  
 KIEIKLSDIP EGKNMAFKWR GKPLFVRHRT QKEIEQEAAV ELSQLRDPQH  
 DLDRVKKPEW VILIGVCTHL GCVPIANAGD FGGYYCPCHG SHYDASGRIR  
 LGPAPLNLEV PTYEFTSDDM VIVG

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**Applications** Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** UQCRFS1 ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 [ Homo sapiens ]

**Official Symbol** UQCRFS1

**Synonyms** RIP1; RIS1; RISP; UQCR5; cytochrome b-c1 complex subunit Rieske, mitochondrial; Rieske iron-sulfur protein; complex III subunit 5; cytochrome b-c1 complex subunit 5; ubiquinol-cytochrome c reductase iron-sulfur subunit

**Gene ID** 7386

**mRNA Refseq** NM\_006003

**Protein Refseq** NP\_005994.2

**MIM** 191327

**UniProt ID** P47985

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