

# Recombinant Human UQCRFS1 protein, GST-tagged

**Cat. No.** UQCRFS1-106H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UQCRFS1(1 a.a. - 274 a.a.), fused with GST at N-terminal, was expressed in Wheat Germ.                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1 a.a. - 274 a.a.                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 55.88 kDa                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MLSVAARSGPFAPVLSATSRGVAGALRPLVQATVPATPEQPVLDLKRPFLSRESLSG<br>QAVRRPLVASVGLNVPAS VCYSHTDIKVPDFSEYRRLEVLDSTKSSRESSEARKGF<br>SYLVTGVTTVGVAAYAAKNAVTQFVSSMSASADVLALA KIEIKLSDIPEGKNMAFKWR<br>GKPLFVRHRTQKEIEQEAVELSQLRDPQHDLDRVKKPEWWILIGVCTHLGCVPI AN<br>AGDFGGYYCPCGHSHYDASGRIRLGPAPLNLEVPTYEFTSDDMVIVG |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array                                                                                                                                                                                           |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                              |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | UQCRRS1 ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 [ Homo sapiens ]                                                                                                                                 |
| <b>Official Symbol</b>     | UQCRRS1                                                                                                                                                                                                                     |
| <b>Synonyms</b>            | RIP1; RIS1; RISP; UQCRR5; 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 |
| <b>Gene ID</b>             | 7386                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>         | NM_006003                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | NP_005994.2                                                                                                                                                                                                                 |
| <b>MIM</b>                 | 191327                                                                                                                                                                                                                      |
| <b>UniProt ID</b>          | P47985                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 19q12                                                                                                                                                                                                                       |
| <b>Pathway</b>             | Alzheimer's disease, organism-specific biosystem; Cardiac muscle contraction, organism-specific biosystem; Cytochrome bc1 complex, organism-specific biosystem                                                              |
| <b>Function</b>            | 2 iron, 2 sulfur cluster binding; metal ion binding; protein complex binding                                                                                                                                                |

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