

AR51147PU-S**Human UQCRQ (1-82, His-tag) - Purified****Alternate names:**

Complex III subunit 8, Complex III subunit VIII, Cytochrome b-c1 complex subunit 8, Mitochondria Complex III (Ubiquinol/Cytochrome C Oxidoreductase), Ubiquinol-cytochrome c reductase complex 9.5 kDa protein, Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

UQCRQ is a ubiquinone-binding protein of low molecular mass. This protein is a small core-associated protein and a subunit of ubiquinol-cytochrome c reductase complex III, which is part of the mitochondrial respiratory chain.

Uniprot ID:[O14949](#)**NCBI:**[NP_055217](#)**GeneID:**[27089](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >85% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea**Description:**

Recombinant human UQCRQ protein, fused to His-tag at N-terminus, was expressed in E.coli .

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMGREFGN LTRMRHVISY SLSPFEQRAY PHVFTKGIPN
VLRRIRESFF RVVPQFVVFY LIYTWGTEEF ERSKRKNPAA YENDK

Molecular weight: 12.3 kDa (105aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Barel O. et al. (2008). Genet. 82:1211-1216

Pictures:

