

UQCRH, 14-91aa, Human, His tag, E.coli

Cat.NO.: TP04437

3th Edition

Synonyms: ubiquinol-cytochrome c reductase hinge protein, QCR6, UQCR8

Description: UQCRH belongs to the UQCRH/QCR6 family. 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. This protein may mediate formation of the complex between cytochromes c and c1. Recombinant human UQCRH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight: 11.6kDa (101aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSGDPEEEEEEEELVDPLTTVREQCEQLEKCVKARERLELCDERVSSRSHTEDCTEELFDLHARDHCVAHKLFNNLK

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.