

Recombinant human UQCRH protein

Catalog Number: ATGP2457

PRODUCT INFORMATION

Expression system

E.coli

Domain

14-91aa

UniProt No.

P07919

NCBI Accession No.

NP_005995

Alternative Names

Ubiquinol-cytochrome c reductase hinge protein, 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, QCR6, UQCR8

PRODUCT SPECIFICATION

Molecular Weight

11.6 kDa (101aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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chromatography techniques.

Amino acid Sequence

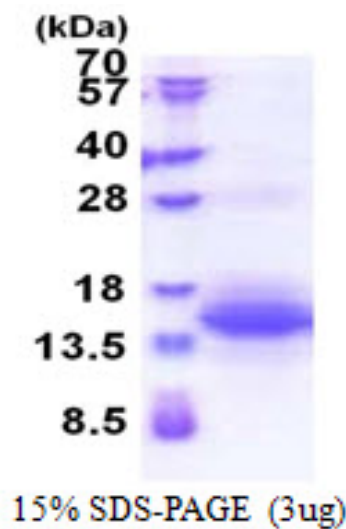
MGSSHHHHHH SSGLVPRGSH MGSGDPEEEE EEEEELVDP TTVREQCEQL EKCVKARERL ELCDERVSSR SHTEEDCTEE
LFDLHARDH CVAHKLFNNL K

General References

Modena,P., et al. (2003) Oncogene 22 (29), 4586-4593

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.