

Recombinant human UQCRQ protein

Catalog Number: ATGP2323

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-82aa

UniProt No.

O14949

NCBI Accession No.

NP_055217

Alternative Names

UQCR7, Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C, Ubiquinol-cytochrome c reductase complex III subunit VII, Ubiquinol-cytochrome c reductase complex 9.5 kDa protein, QP-C, QCR8, Cytochrome b-c1 complex subunit 8, Complex III subunit VIII, Complex III subunit 8

PRODUCT SPECIFICATION

Molecular Weight

12.3 kDa (105aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

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

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Amino acid Sequence

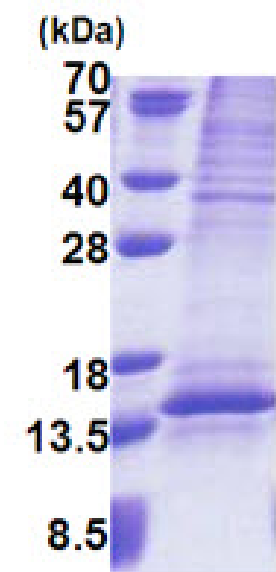
MGSSHHHHHH SGLVPRGSH MGSMGREFGN LTRMRHVISY SLSPFEQRAY PHVFTKGIPN VLRRIRESFF RVPQFVVFY
LIYTWGTEEF ERSKRKNPAA YENDK

General References

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

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)