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UQCRC1 Human

Ubiquinol-Cytochrome C Reductase Core Protein I Human Recombinant
RCP2518

Product Overview

Name	UQCRC1 Human

Description

Ubiquinol-Cytochrome C Reductase Core Protein I Human Recombinant

Accession (Primary)	P31930

Synonyms

D3S3191, QCR1, UQCR1, Cytochrome b-c1 complex subunit 1, mitochondrial, Complex III subunit 1, Core protein I, Ubiquinol-cytochrome-c reductase complex core protein 1.

Introduction

Ubiquinol-Cytochrome C Reductase Core Protein I (UQCRC1) is a member of the peptidase M16 family,UQCRC1/QCR1 subfamily. UQCRC1 is a part of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is component of the mitochondrial respiratory chain. UQCRC1 can mediate formation of the complex between cytochromes c and c1.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

UQCRC1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSEF TATFA QALQFVPETQ VSLLDNGLRV ASEQSSQPTC TVGVWIDVGS RFETEKNNGA GYFLEHLAFK GTKNRPGSAL EKEVESMGAH LNAYSTREHT AYYIKALSKD LPKAVELLGD IVQNCSLEDS QIEKERDVIL REMQENDASM RDVVFNYLHA TAFQGTPLAQ AVEGPSENVR KLSRADLTEY LSTHYKAPRM VLAAAGGVEH QQLLDLAQKH LGGIPWTYAE DAVPTLTPCR FTGSEIRHRD DALPFAHVAI

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AVEGPGWASP DNVALQVANA IIGHYDCTYG GGVHLSSPLA SGAVANKLCQ SFQTFSICYA ETGLLGAHFV CDRMKIDDMM FVLQGQWMRL CTSATESEVA RGKNILRNAL VSHLDGTTPV CEDIGRSLLT YGRRIPLAEW ESRIAEVDAS VVREICSKYI YDQCPAVAGY GPIEQLPDYN RIRSGMFWLR F.

Precautions

UQCRC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P31930)