9051 Mira Mesa Blvd, #910094
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UQCRC2 Human

Ubiquinol-Cytochrome C Reductase Core Protein II Human Recombinant RCP2519

Product Overview

Name	UQCRC2 Human
Description	
Ubiquinol-Cytochrome C Reductase Core Protein II Human Recombinant	
Accession (Primary)	P22695
Synonyms	
Ubiquinol-Cytochrome C Reductase Core Protein II, Ubiquinol-Cytochrome-C Reductase Complex Core Protein 2, Cytochrome B-C1 Complex Subunit 2 Mitochondrial, Complex III Subunit 2, Core Protein II, UQCR2, QCR2.	
Introduction	
Cytochrome b-c1 complex subunit 2, mitochondrial (UQCRC2) is a member of the peptidase M16 family. UQCRC2 is a component of the ubiquinol-cytochrome c reductase complex (complex III), which is a part of the mitochondrial respiratory chain. UQCRC2 is essential for the compilation of the complex.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The UQCRC2 solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 0.1M NaCl 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% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M SLKVAPKVK ATAAPAGAPP QPQDLEFTKL PNGLVIASLE NYSPVSRIGL FIKAGSRYED FSNLGTTHLL RLTSSLTTKG ASSFKITRGI EAVGGKLSVT ATRENMAYTV ECLRGDVDIL MEFLLNVTTA PEFRRWEVAD LQPQLKIDKA VAFQNPQTHV IENLHAAAYR NALANPLYCP DYRIGKVTSE ELHYFVQNHF TSARMALIGL GVSHPVLKQV AEQFLNMRGG LGLSGAKANY RGGEIREQNG DSLVHAAFVA ESAVAGSAEA NAFSVLQHVL GAGPHVKRGS NTTSHLHQAV AKATQQPFDV SAFNASYSDS GLFGIYTISQ	

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ATAAGDVIKA AYNQVKTIAQ GNLSNTDVQA AKNKLKAGYL MSVESSECFL EEVGSQALVA GSYMPPSTVL QQIDSVANAD IINAAKKFVS GQKSMAASGN LGHTPFVDEL

Precautions

UQCRC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P22695)