

Ubiquinol-Cytochrome C Reductase Core Protein II Human Recombi-

Item Number	rAP-5011
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.
Description	UQCRC2 Human Recombinant produced in E. coli is a single polypeptide chain containing 460 amino acids (15-453) and having a molecular mass of 49.0 kDa. UQCRC2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P22695
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MSLKVAPKVK ATAAPAGAPP QPQDLEFTKL PNGLVIASLE NYSFVSRIGL FIKAGSRYED FSNLGTTHLL RLTSSTTKG ASSFKITRGI EAVGGKLSVT ATRENMAYTV ECLRGDVIDL MEFLNVTTA PEFRRWEVAD LQPQLKIDKA VAFQNPQTHV IENLHAAAYR NA- LANPLYCP DYRIGKVTSE ELHYFVQNHF TSARMALIGL GVSHPLKQV AEQFLNMRGG LGLSGAKANY RGGEIREQNG DSLVHAAFVA ESAVAGSAEA NAFSVLQHV L GAGPHVKRGS NTTSHLHQA V AKATQQPFDV SAFNASYSDS GLFGIYTISQ ATAAGDVIKA AYNQVKTIAQ GNLSNTDVQA AK-
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The UQCRC2 solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 0.1M NaCl and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**