

Ubiquinol-Cytochrome C Reductase Core Protein I Human Recombi-

Item Number	rAP-5012
Synonyms	D3S3191, QCR1, UQCRC1, Cytochrome b-c1 complex subunit 1, mitochondrial, Complex III subunit 1, Core protein I, Ubiquinol-cytochrome-c reductase complex core protein 1.
Description	UQCRC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 471 amino acids (35-480 a.a) and having a molecular mass of 51.8kDa.UQCRC1 is fused to a 25 amino acid His-tag at N-terminus &
Uniprot Accession Number	P31930
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFTATFA QALQFVPETQ VSLLDNGLRV ASEQSSQPTC TVGVWIDVGS RFETEKNGA GYFLEHLAFK GTKNRPGSAL EKEVESMGAH LNAYSTREHT AY-YIKALSKD LPKAVELLGD IVQNCSEDS QIEKERDVIL REMQENDASM RDVVFNYLHA TAFQGTPLAQ AVEGPSENVK KLSRADLTEY LSTHYKAPRM VLAAAGGVEH QQLDLAQKH LGGIPWTYAE DAVPTLT-PCR FTGSEIRHRD DALPFAHVAI AVEGPGWASP DNVALQVANA IIGHYDCTYG GGVHLSSPLA SGA-VANKLCQ SFQTFSCYA ETGLLGAHFV CDRMKIDMM FVLQGGWMRL CTSATESEVA RGKNILRNAL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	UQCRC1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85.0% 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**