

## 32-5195: Recombinant Human Ubiquinol-Cytochrome C Reductase Core Protein I

**Alternative Name** : 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

Source : Escherichia Coli. 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 & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** UQCRC1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSEFTATFA QALQFVPETQ VSLLDNGLRV ASEQSSQPTC  
 TVGVWIDVGS RFETEKNNGA GYFLEHLAFK GTKNRPGSAL EKEVESMG AH LNAVSTREHT AYYIKALSKD  
 LPKAVELLGD IVQNC SLEDS QIEKERDVIL REMQENDASM RDVVFNYLHA TAFQGTPLAQ AVEG PSENV R  
 KLSRADLTEY LSTHYKAPRM VLAAAGGVEH QQLDLAQKH LGGIPWTYAE DAVPTLTPCR FTGSEIRHRD  
 DALPFAHVAI AVEGPGWASP DNVALQVANA IIGHYDCTYG GGVHLSSPLA SGAVANKLCQ SFQTFSICYA  
 ETGLLGAHFV CDRMKIDMM FVLQGWMLR CTSATESEVA RGKNILRNAL VSHLDGTPPV CEDIGRSLLT  
 YGRRIPLAEW ESRIAEVDAS VVREICSKYI YDQCPAVAGY GPIEQLPDYN RIRSGMFWLR F.

