

## 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 RFETEKNGGA GYFLEHLAFK GTKNRPGSAL EKEVESMGAAH LNAYSTREHT AYYIKALSKD  
LPKAVELLGD IVQNCSEDS QIEKERDVIL REMQENDASM RDVVFNLYLHA TAFQGTPLAQ AVEGPESENR  
KLSRADLTEY LSTHYKAPRM VLAAAGGVEH QQLLDLAQKH LGGIPWTYAE DAVPTLTPCR FTGSEIRHRD  
DALPFAHVAI AVEGPGWASP DNVALQVANA IIGHYDCTYG GGVHLSSPLA SGAVANKLCQ SFQTFSICYA  
ETGLLGAHFV CDRMKIDDM FVLQGWMLR CTSATESEVA RGKNILRNAL VSHLDGTPPV CEDIGRSLLT  
YGRRIPLAEW ESRIAEVDAS VVREICSKYI YDQCPAVAGY GPIEQLPDYN RIRSGMFWLR F.