

# Product information



## UQCRC1, 35-480aa

Human, His-tagged, Recombinant, *E.coli*

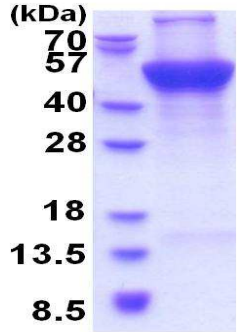
Cat. No. IBATGP2594

**Full name:** ubiquinol-cytochrome c reductase core protein I

**NCBI Accession No.:** NP\_003356

**Synonyms:** D3S3191, QCR1, UQCR1

**Description:** UQCRC1 is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may mediate formation of the complex between cytochromes c and c1. Recombinant human UQCRC1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

<p><b>Form:</b> Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol</p> <p><b>Molecular Weight:</b> 51.8kDa (471aa)</p> <p><b>Purity:</b> &gt; 85% by SDS - PAGE</p> <p><b>Concentration:</b> 1 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHH SSGLVPRGSH MGSEFTATFA QALQFVPETQ VSLLDNGLRV ASEQSSQPTC TVGWWIDVGS RFETEKNGGA GYFLEHLAFK GTKNRPGSAL EKEVESMGAH LNAYSTREHT AYYIKALSKD LPKAVELLGD IVQNCSLEDS QIEKERDVIL REMQENDASM RDVVFNYLHA TAFQGTPLAQ AVEGPESENR KLSRADLLEY LSTHYKAPRM VLAAAGGVEH QQLDLAQKH LGGIPWTYAE DAVPTLTPCR FTGSEIRHRD DALPFAHVAI AVEGPGWASP DNVALQVANA IIGHYDCTYG GGVHLSSPLA SGAVANKLCQ SFQTFSSICYA ETGLLGAHFV CDRMKIDDMM FVLQGGWMRL CTSATESEVA RGKNI LRNAL VSHLDGTPPV CEDIGRSLLT YGRRIPLAEW ESRIAEVDAS VVREICSKYI YDQCPAVAGY GPIEQLPDYN RIRSGMFWLR F</p>	

### General references:

Hendrickson, S.L., *et al.* (2010) *PLoS ONE* 5 (9), E12862

Martins-de-Souza, D., *et al.* (2009) *J Psychiatr Res* 43 (11), 978-986

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



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