

**UQCRC1, 35-480aa Human, His tag, E.coli**

**Cat.NO.: TP04435**

3th Edition

**Synonyms:**ubiquinol-cytochrome c reductase core protein I, 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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**Molecular Weight:**51.8kDa (471aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSEFTATFAQALQFVPETQVSLLDNGLRVASEQSSQPTCTVGVWIDVGSRFET  
EKNNAGYFLEHLAFKGTKNRPGSALEKEVESMG AHLNAYSTREHTAYYIKALSKDLPKAVELLGDIVQNCSEDS  
QIEKERDVILREMQENDASMRDVVFNYLHATAFQGTPLAQAVEGPESENVKLSRADLTEYLSTHYKAPRMVLAAG  
GVEHQQLDLAQKHLGGIPWTYAEDAVPTLTPCRFTGSEIRHRDDALPFAHVAIAVEGPGWASPDNVALQVANAIIG  
HYDCTYGGGVHLSSPLASGAVANKLCQSFQTF SICYAETGLLGAHFVCDRMMKIDMMFVLQGGQWMLCTSATESE  
VARGKNILRNALVSHLDGTTTPVCEDIGRSLTYGRRIP LAEWESRIAEVDASVVREICKYIYDQCPAVAGYGP I EQL  
PDYNRIRSGMFWLRF

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.