

UQCRC2, 15-453aa , Human, His tag, E.coli

Cat.NO.: TP04436

3th Edition

Synonyms:Cytochrome b-c1 complex subunit 2, mitochondrial, QCR2, UQCR2

Description:Cytochrome b-c1 complex subunit 2, mitochondrial, also known as UQCRC2, belongs to the peptidase M16 family. This protein is a component of the ubiquinol-cytochrome c reductase complex (complex III), which is part of the mitochondrial respiratory chain. UQCRC2 is required for the assembly of the complex. Recombinant human UQCRC2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 0.1M NaCl

Molecular Weight:49 kDa (460aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMSLVKAPKVKATAAPAGAPPQPQDLEFTKLPNGLVIASLENYSPVSRIGLFIKAGS
RYEDFSNLGTTLLRLTSSLTTKGASSFKITRGIEAVGGKLSVTATRENMAYTVECLRGDGDILMEFLLNVTTAPEFR
RWEVADLQPLKIDKAVAFQNPQTHVIENLHAAAYRNALANPLYCPDYRIGKVTSEELHYFVQNHFTSARMALIGLG
VSHPLKQVAEQFLNMRGGLGLSGAKANYRGGEIREQNGDSLVAHFVAESAVAGSAEANAFSVLQHVLGAGPH
VKRGSNTTSHLHQAVAKATQQPFDVSAFNASYSDSGLFGIYTISQATAAGDVIKAAYNQVKTIAQGNSNTDQVAAK
NKLKAGYLMVESSECFLEEVGSQALVAGSYMPPSTVLQQIDSVANADIINAACKFVSGQKSMAASGNLGHPTPFVD
EL

Purity:> 95% by HPLC

Concentration:0.5 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.