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# Datasheet for ABIN2115466 UQCRH Protein (AA 1-91) (GST tag)



Overview

Overview	
Quantity:	50 µg
Target:	UQCRH (Uqcrh)
Protein Characteristics:	AA 1-91
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UQCRH protein is labelled with GST tag.
Product Details	
Purpose:	Recombinant Human Cytochrome b-c1 Complex Subunit 6/UQCRH (N-GST)
Sequence:	MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
	GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
	DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
	KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSPEFH MGLEDEQKML
	TESGDPEEEE EEEEELVDPL TTVREQCEQL EKCVKARERL ELCDERVSSR SHTEEDCTEE
	LFDFLHARDH CVAHKLFNNL K
Characteristics:	Recombinant Human Cytochrome b-c1 complex subunit 6 is produced with our E. coli
	expression system. The target protein is expressed with sequence (Met1-Lys91) of Human
	UQCRH fused with a GST tag at the N-terminus
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

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#### Product Details

Endotoxin Level:

Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

### Target Details

Target:	UQCRH (Uqcrh)
Alternative Name:	UQCRH (Uqcrh Products)
Background:	Cytochrome b-c1 complex subunit 6, mitochondrial (UQCRH) belongs to the UQCRH/QCR6 family, it is a subunit of the respiratory chain protein Ubiquinol Cytochrome c Reductase. This 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. UQCRH may mediate formation of the complex between cytochromes c and c1. It may mediate formation of the complex between cytochromes c and c1. It may mediate formation of the complex between cytochromes c and c1. Synonyms: Cytochrome b-c1 complex subunit 6, mitochondrial,Complex III subunit 6,Complex III subunit VIII,Cytochrome c1 non-heme 11 kDa protein,Mitochondrial hinge protein,Ubiquinol- cytochrome c reductase complex 11 kDa protein
Molecular Weight:	37.5 kDa
UniProt:	P07919

#### Application Details

Restrictions:

For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/mL}.$
	Dissolve the lyophilized protein in ddH2O.
	Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 $\mu m$ filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
	Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
	Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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