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UQCRQ Protein (AA 2-78, partial) (GST tag)





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Quantity:	100 μg
Target:	UQCRQ
Protein Characteristics:	AA 2-78, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UQCRQ protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	GREFGNLTRM RHVISYSLSP FEQRAYPHVF TKGIPNVLRR IRESFFRVVP QFVVFYLIYT WGTEEFERSK RKNPAAY
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	UQCRQ
Alternative Name:	Cytochrome b-c1 complex subunit 8 protein (UQCRQ Products)
Background:	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. This subunit,

Target Details

	together with cytochrome b, binds to ubiquinone.
Molecular Weight:	36.7 kD
UniProt:	014949

Application Details

Comment:

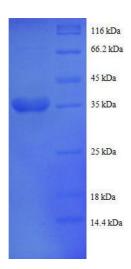
The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

Image 1. Ubiquinol-Cytochrome C Reductase, Complex III Subunit VII, 9.5kDa (UQCRQ) (AA 2-78), (partial) protein (GST tag)