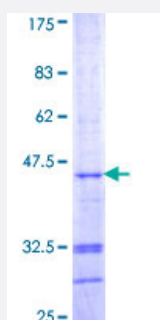


UQCRB (Human) Recombinant Protein (Q01)

Catalog # H00007381-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UQCRB partial ORF (NP_006285, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGKQAVSASGKWLDGIRKWYNAAGFNKLGLMRDDTYEDEDVKEAIRRLPENLYNDRMFRIKR ALDLNLKHQILPKEQWTKYEEENFYLEPYLKEVIR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UQCRB

Entrez GeneID	7381
GeneBank Accession#	NM_006294
Protein Accession#	NP_006285
Gene Name	UQCRB
Gene Alias	FLJ92016, FLJ97033, QCR7, QP-C, QPC, UQBC, UQBP, UQPC
Gene Description	ubiquinol-cytochrome c reductase binding protein
Omim ID	124000 191330
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which is part of the ubiquinol-cytochrome c oxidoreductase complex which contains ten nuclear-encoded and one mitochondrial-encoded subunits. The encoded protein binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. Mutations in this gene are associated with mitochondrial complex III deficiency. A pseudogene has been described on the X chromosome. [provided by RefSeq]
Other Designations	complex III subunit 7 complex III subunit VII ubiquinol-cytochrome c reductase complex 14 kDa protein ubiquinone-binding protein

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)