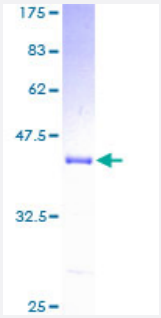
Full-Length

UQCRB (Human) Recombinant Protein (P01)

Catalog # H00007381-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UQCRB full-length ORF (AAH05230, 1 a.a. - 111 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGKQAVSASGKWLDGIRKWYYNAAGFNKLGLMRDDTIYEDEDVKEAIRRLPENLYNDRMFRIKR ALDLNLKHQILPKEQWTKYEEENFYLEPYLKEVIRERKEREEWAKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.95
Interspecies Antigen Sequence	Mouse (87)
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#	BC005230
Protein Accession#	AAH05230
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 prote in binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. Mutati ons in this gene are associated with mitochondrial complex III deficiency. A pseudogene has bee n 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 prot ein|ubiquinone-binding protein

Pathway

- Cardiac muscle contraction
- Metabolic pathways

- Oxidative phosphorylation

Disease

- Genetic Predisposition to Disease
- Prostatic Neoplasms