

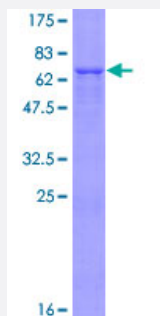
Full-Length

UQCRC2 (Human) Recombinant Protein (P01)

Catalog # H00007385-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human UQCRC2 full-length ORF (NP_003357.2, 1 a.a. - 453 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKLLTRAGSFSRFYSLKVAPKVKATAAPAGAPPQPQDLEFTKLPNGLVIASLENYSPVSRIGLFIKA
GSRYEDFSNLGTTHLLRLTSSLTTKGASSFKITRGIEAVGGKLSVTATRENMAYTVECLRGDVDILM
EFLNVTTAPEFRRWEVADLQPQLKIDKAVAFQNPQTHVIENLHAAAYRNALANPLYCPDYRIGKV
TSEELHYFVQNHFTSARMALIGLVSHPVLKQVAEQFLNMRGGLGLSGAKANYRGGEIREQNGDS
LVHAAFVAESAVAGSAEANAFSVLQHVLGAGPHVKRGSNTTSHLHQAVAKATQQPFDVSAFNA
SYSDSGLFGIYTISQATAAGDVIKAAYNQVKTIAQGNSNTDVAQAKNKLKAGYLMVESSECFLEE
VGSQALVAGSYMPPSTVLQQIDSVANADIINAACKFVSGQKSMAASGNLGHPTFVDEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.8

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 — UQCRC2

Entrez GeneID	7385
GeneBank Accession#	NM_003366.2
Protein Accession#	NP_003357.2
Gene Name	UQCRC2
Gene Alias	QCR2, UQCR2
Gene Description	ubiquinol-cytochrome c reductase core protein II
Omim ID	191329
Gene Ontology	Hyperlink
Other Designations	-

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)