



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### COQ4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00051117-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human COQ4 full-length ORF (AAH11895.1, 1 a.a. - 265 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MATLLRPVLRRLCGLPGLQRPAEAEMPLRARS DGAGPL  
YSHHLPTSPLQKALLAAGSAAMALYNPYRHDMVAVLG  
ETTGHR TLKVL RDQMRRDPEGAQILQERPRISTSTLDL  
GKLQSLPEGSLGREYLRFLDVNRVSPDTRAPTRFVDD  
EELAYVIQRYREVHMLHTLLGMPTNILGEIVVKWFEA  
VQTGLPMCILGAFFGPIRLGAQSLQVLVSELIPWAVQN  
GRRAPCVLNLYYERRWEQSLRALREELGITAPPMHVQ  
GLA

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 56.1

**Interspecies Antigen Sequence:** Mouse (81); Rat (80)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**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.

**Entrez GeneID:** 51117

**Gene Symbol:** COQ4

**Gene Alias:** CGI-92

**Gene Summary:** Coenzyme Q (CoQ) is a small lipophilic molecule that transports electrons between mitochondrial respiratory chain complexes and functions as a cofactor for mitochondrial enzymes. COQ4 is an enzyme involved in CoQ biosynthesis (Casarin et al., 2008 [PubMed 18474229]).[supplied by OMIM]