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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

COQ2 (Human) Recombinant Protein (P01)

Catalog Number: H00027235-P01

Regulation Status: For research use only (RUO)

Product Description: Human COQ2 full-length ORF (AAH08804.1, 1 a.a. - 371 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLGSRAAGFARGLRALALAWLPGWRGRSFALARAAG
APHGGDLQPPACPEPRGRQLSLSAAAVVDSAPRPLQ
PYLRMLRLDKPIGTWLLYLPTWSIGLAAEPGCFPDW
YMLSLFGTGAILMRGAGCTINDMWDQDYDKKIVTRTAN
RPIAAGDISTFQSFVFLGGQLTLALGVLLCLNYYSIALG
AGSLLLIVITYPLMKRISYWPQLALGLTFNWGALLGWSA
IKGSCDPSVCLPLYFSGVMWTLIYDTIYAHQDKRDDVLI
GLKSTALRFGENTKPWLSGFVAMLGALSLVGVNSGQ
TAPYYAALGAVGAHLTHQIYTLDIHRPEDCWNKFISNR
TLGLIVFLGIVLGNLWKEKKTDKTKKGIENKIEN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 66.9

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: 27235

Gene Symbol: COQ2

Gene Alias: CL640, FLJ26072

Gene Summary: CoQ (ubiquinone) serves as a redox carrier in the mitochondrial respiratory chain and is a lipid-soluble antioxidant. COQ2, or parahydroxybenzoate-polyprenyltransferase (EC 2.5.1.39), catalyzes one of the final reactions in the biosynthesis of CoQ, the prenylation of parahydroxybenzoate with an all-trans polyprenyl group (Forsgren et al., 2004 [PubMed 15153069]).[supplied by OMIM]