



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

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

CDS2 (Human) Recombinant Protein (P01)

Catalog Number: H00008760-P01

Regulation Status: For research use only (RUO)

Product Description: Human CDS2 full-length ORF (NP_003809.1, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTELRQRVAHEPVAPPEDKESESEAKVDGETASDSES
RAESAPLPVSADDTPEVLNRALSNLSSRWKNWWWVRG
ILTLAMIAFFIIIIYLGPMVLMIVMCVQIKCFHEITIGYV
YHSYDLPWFRTLSWYFLLCVNYFFYGETVTDYFFTLV
QREEPLRILSKYHRFISFTLYLIGFCMFVLSLVKKHYRL
QFYMFGWTHVTLIVVTQSHLVIHNLFEGLMIWFIVPISC
VICNDIMAYMFGFFFGRTPLIKLSPKKTWEGFIGGFFAT
VVFGLLSYVMSGYRCFVCPVEYNNDTNSFTVDCEPS
DLFRLQEYNIPGVIQSVIGWKTVRMYPFQIHSIALSTFA
SLIGPFGGFFASGFKRAFKIKDFANTIPGHGGIMDRFD
CQYLMATFVNVIYASFIRGPNPSKLIQQFLTRPDQQL
HIFNTLRSHLIDKGMTSTTEDE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 77.8

Interspecies Antigen Sequence: Mouse (96); Rat (94)

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: 8760

Gene Symbol: CDS2

Gene Alias: FLJ38111

Gene Summary: Breakdown products of phosphoinositides are ubiquitous second messengers that function downstream of many G protein-coupled receptors and tyrosine kinases regulating cell growth, calcium metabolism, and protein kinase C activity. This gene encodes an enzyme which regulates the amount of phosphatidylinositol available for signaling by catalyzing the conversion of phosphatidic acid to CDP-diacylglycerol. This enzyme is an integral membrane protein localized to two subcellular domains, the matrix side of the inner mitochondrial membrane where it is thought to be involved in the synthesis of phosphatidylglycerol and cardiolipin and the cytoplasmic side of the endoplasmic reticulum where it functions in phosphatidylinositol biosynthesis. Two genes encoding this enzyme have been identified in humans, one mapping to human chromosome 4q21 and a second to 20p13. [provided by RefSeq]