



# 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

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## Datasheet

### MARK2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002011-P01

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

**Product Description:** Human MARK2 full-length ORF ( NP\_001034558.1, 1 a.a. - 755 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MIRGRNSATSADEQPHIGNYRLLKTIGKGNFAKVKLAR  
HILTGKEVAVKIIDKTQLNSSLQKLFREVRIMKVLNHP  
NIVKLFVIETEKTLYLVMYASGGEVFDYLVAHGRMK  
EKEARAKFRQIVSAVQYCHQKFIVHRDLKAENLLLDAD  
MNIKIADFGFSNEFTFGNKLDTCGSPPYAAPELFQGK  
KYDGPVEDVWVSLGVILYTLVSGSLPFDGQNLKELRER  
VLRGKYRIPFYMSTDCENLLKKFLILNPSKRGTTLEQIMK  
DRWMNVGHEDDELKPYVEPLPDYKDPRTTELMVSMG  
YTREEIQDSLQRYNEVMATYLLGLYKSSELEGDIT  
LKPRPSADLTNSSAPSPSHKVQRSVSANPKQRRFSDQ  
AAGPAIPTSNSYSKKTQSNNAENKRPEEDRESGRKAS  
STAKVPASPLPGLERKKTPTPTSTNSVLSTSTNRSRNS  
PLLERASLGQASIQNGKDSLTPGSRASASAAVAVS  
AARPRQHQSMSASVHPNKASGLPPTESNCEVPRPS  
TAPQRPVAVSPSAHNISSSGGAPDRTNFPRGVSSRST  
FHAGQLRQVRDQQLNLPYGVTPASPSGHSQGRRGAS  
GSIFSKFTSKFVRRNLSFRFARRNLNEPESKDRVETLR  
PHVVGSGGNDKEKEEFREAKPRSLRFTWSMKTSSM  
EPNEMMREIRKVLNANSCQSELHEKYMLLCMHGTPG  
HEDFVQWEMEVCPLPRLSLNGVRFKRISGTSMFAFKNI  
ASKIANELKL

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

**Theoretical MW (kDa):** 110.7

**Interspecies Antigen Sequence:** Mouse (97); Rat (89)

**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:** 2011

**Gene Symbol:** MARK2

**Gene Alias:** EMK1, MGC99619, PAR-1, Par1b

**Gene Summary:** This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associated proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]