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Lieferung & Zahlungsart

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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

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
HILTGKEVAVKIIDKQLNSSLQKLFREVRIMKVLNHP
NIVKLFVIETEKTLVLMYASGGEVFDYLVAHGRMK
EKEARAKFRQIVSAVQYCHQKFIVHRDLKAENLLDAD
MNIKIADFGFSNEFTFGNKLDTCGSPPYAAPELFQGK
KYDGPVEDVWSLGVILYTLVSGSLPFDGQNLKELRER
VLRGKYRIPFYMSTDCENLLKKFLILNPSKRGTLEQIMK
DRWMNVGHEDDELKPYVEPLPDYKDPRTTELMVSMG
YTREEIQDSLQRYNEVMATYLLLGYKSSELEGDIT
LKPRPSADLTNSSAPSPSHKVQRSVSANPKQRRFSDQ
AAGPAIPTSNSYSKKTQSNNAENKRPEEDRESGRKAS
STAKVPASPLPGLERKKTTPSTNSVLSTSTNRSRNS
PLLERASLGQASIQNGKDSLTMPGSRASASAAVS
AARPRQHQSMSASVHPNKASGLPPTESNCEVPRPS
TAPQRPVSPSAHNISSSGGAPDRTNFPRGVSSRST
FHAGQLRQVRDQQLPYGVTPASPSGHSQGRRGAS
GSIFSKFTSKFVRRNLSFRFARRNLNEPESKDRVETLR
PHVVGSGGNDKEKEEFREAKPRSLRFTWSMKTSSM
EPNEMMREIRKVLNANSCQSELHEKYMLLCMHGTPG
HEDFVQWEMEVCPLPRLSLNGVRFKRISGTSMFAKNI
ASKIANELKL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 110.7

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]