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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MAPK7 (Human) Recombinant Protein (P01)

Catalog Number: H00005598-P01

Regulation Status: For research use only (RUO)

Product Description: Human MAPK7 full-length ORF (AAH07404.1, 1 a.a. - 677 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MESDLHQIHHSSQPLTLEHVRYFLYQLLRGLKYMHSAQ
VIHRDLKPSNLLVNENCELKIGDFGMARGLCTSPAEHQ
YFMTEYVATRWYRAPELMLSLHEYTQAIDLWSVGCIF
GEMLARRQLFPGKNYVHQLQLIMMVLGTPSPAVIQAV
GAERVRAIYQSLPPRQVPWETVYPGADRQALSLLGR
MLRFEP SARISAAAALRHPFLAKYHDPDDEPDCAPPF
DFAFDREALTRERIKEAIVAEIEDFHARREGIRQQIRFQ
PSLQPVASEPGCPDVEMPSPWAPSGDCAMESPPPAP
PPCPGPAPDIDLTLQPPPVSEPPPKKDGAISDNTK
AALKAALLKSLRSRLRDGPSAPLEAPEPRKPVTAQER
QREREKRRRRQERAKEREKRRQERERKERGAGAS
GGPSTDPLAGLVLSNDRLERWTRMARPAAPALTS
VPAPAPAPTPTPTVQPTSPPPGPVAQPTGPQPQSAG
STSGPVPQACPPPGPAPHPTGPPGPIVPAPPQIATS
TSLAAQSLVPPPGLPGSSTPGVLPYFPPGLPPPDAG
GAPQSSMSESPDNLVTQQLSKSQVEDLPPVFSGTP
KSGSAGYGVGFDLEEFNLQSFDMGVADGPQDGGAD
SASLSASLLADWLEGHGMNPADIESLQREIQMDSMPL
LADLPDLQDP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 100.21

Interspecies Antigen Sequence: Mouse (91)

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: 5598

Gene Symbol: MAPK7

Gene Alias: BMK1, ERK4, ERK5, PRKM7

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is specifically activated by mitogen-activated protein kinase kinase 5 (MAP2K5/MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors. In response to extracellular signals, this kinase translocates to cell nucleus, where it regulates gene expression by phosphorylating, and activating different transcription factors. Four alternatively spliced transcript variants of this gene encoding two distinct isoforms have been reported. [provided by RefSeq]