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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MAPK3 (Human) Recombinant Protein (P01)

Catalog Number: H00005595-P01

Regulation Status: For research use only (RUO)

Product Description: Human MAPK3 full-length ORF (AAH13992.1, 1 a.a. - 379 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MAAAAAQGGGGGEP RRTG VGP GVP GEVEMVKGQP  
FDVGPRYTQLQYIGEGAYGMVSSAYDHVRKTRVAIKKI  
SPFEHQTYCQRTLREIQILLRFRHENVIGIRDILRASTLE  
AMRDVYIVQDLMETDLYKLLKSQQLSNDHICYFLYQIL  
RGLKYIHSANVLHRDLKPSNLLINTTCDLKICDFGLARIA  
DPEHDHTGFLTEYVATRWRAP EIMLNSKGYTKSIDIW  
SVGCILAEMLSNRPIFP GKHYLDQLNHILGILGSPSQED  
LNCIINMKARNYLQSLPSKTKVAWAKLFPKSDSKALDL  
LDRMLTFNPNKRITVEEALAHPLYEQYYDPTDEPVAEE  
PFTFAMELDDLPKERLKE LIFQETARFQPGVLEAP
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69.5

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: 5595

Gene Symbol: MAPK3

Gene Alias: ERK1, HS44KDAP, HUMKER1A, MGC20180, P44ERK1, P44MAPK, PRKM3

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq]