



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## MAP3K3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004215-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

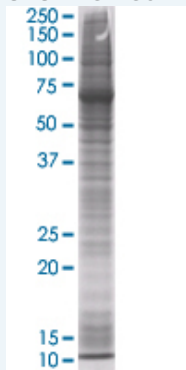
**Plasmid:** pCMV-MAP3K3 full-length

**Host:** Human

**Theoretical MW (kDa):** 10.01

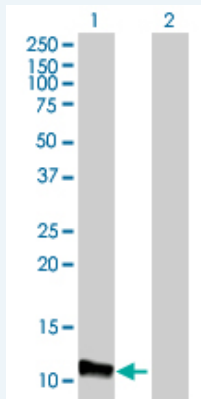
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-MAP3K3 antibody ([H00004215-B01](#)) by Western Blots.

#### SDS-PAGE Gel



MAP3K3 transfected lysate

#### Western Blot



Lane 1: MAP3K3 transfected lysate ( 10.01 KDa).

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [4215](#)

GeneBank [BC010464](#)  
Accession#:

Protein [AAH10464](#)  
Accession#:

Gene Name: MAP3K3

Gene Alias: MAPKKK3,MEKK3

Gene Description: mitogen-activated protein kinase kinase kinase 3

Omim ID: [602539](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations: MAP/ERK kinase kinase 3,MAPK/ERK kinase kinase 3

### Gene Pathway

[GnRH signaling pathway](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#)

### Related Disease

[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)