



# 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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## MAPK8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005599-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

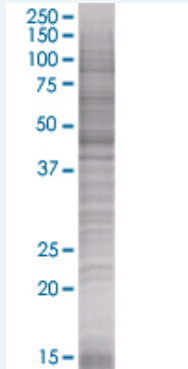
**Plasmid:** pCMV-MAPK8 full-length

**Host:** Human

**Theoretical MW (kDa):** 48.3

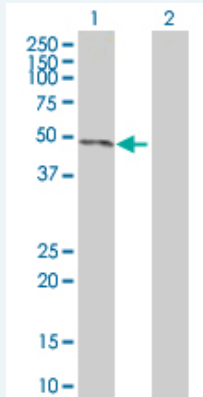
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-MAPK8 antibody ([H00005599-B01](#)) by Western Blots.

#### SDS-PAGE Gel



MAPK8 transfected lysate

#### Western Blot



Lane 1: MAPK8 transfected lysate ( 48.3 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

## Western Blot

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### Gene Information

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**Entrez GeneID:** [5599](#)

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**GeneBank  
Accession#:** [NM\\_139049](#)

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**Protein  
Accession#:** [NP\\_620637](#)

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**Gene Name:** MAPK8

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**Gene Alias:** JNK,JNK1,JNK1A2,JNK21B1/2,PRKM8,SAPK1

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**Gene  
Description:** mitogen-activated protein kinase 8

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**Omim ID:** [601158](#)

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**Gene Ontology:** [Hyperlink](#)

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**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 activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

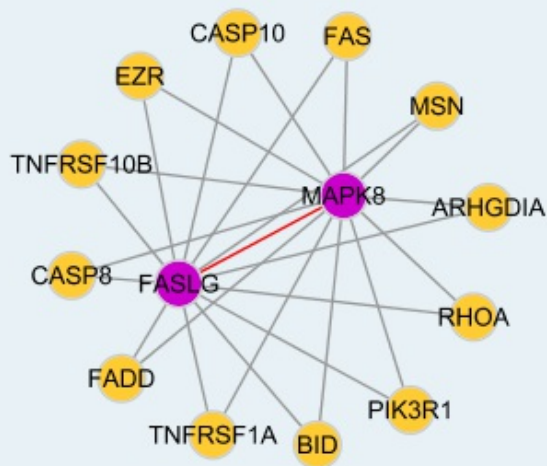
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**Other  
Designations:** JNK1 alpha protein kinase,JNK1 beta protein kinase,JUN N-terminal kinase,OTTHUMP00000019552,OTTHUMP00000019555,OTTHUMP00000019556,OTTHUMP00000019558,c-Jun N-terminal kinase 1,mitogen-activated protein kinase 8 isoform JNK1 alpha1,mitogen-activated protein

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### Interactome

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### Gene Pathway

[Adipocytokine signaling pathway](#)
[Colorectal cancer](#)  
[Epithelial cell signaling in Helicobacter pylori infection](#)
[ErbB signaling pathway](#)  
[Fc epsilon RI signaling pathway](#)
[Focal adhesion](#)
[GnRH signaling pathway](#)  
[Insulin signaling pathway](#)
[MAPK signaling pathway](#)
[Neurotrophin signaling pathway](#)  
[Pancreatic cancer](#)
[Pathways in cancer](#)
[Toll-like receptor signaling pathway](#)  
[Type II diabetes mellitus](#)
[Wnt signaling pathway](#)

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