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**

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

# MAPK9 293T Cell Transient Overexpression Lysate(Denatured)

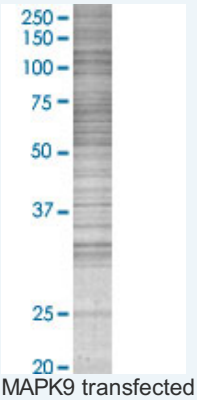
**Catalog # :** H00005601-T01 **規格 :** [ 100 uL ]

List All

## Specification

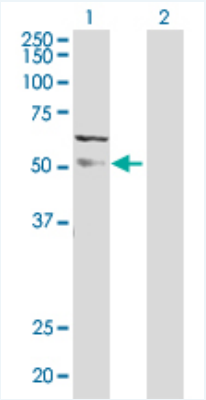
| | |
|---|---|
| **Transfected Cell Line:** | 293T |
| **Plasmid:** | pCMV-MAPK9 full-length |
| **Host:** | Human |
| **Theoretical MW (kDa):** | 48.1 |
| **Quality Control Testing:** | Transient overexpression cell lysate was tested with Anti-MAPK9 antibody (H00005601-D01) by Western Blots. |

**SDS-PAGE Gel**




MAPK9 transfected lysate.

**Western Blot**




Lane 1: MAPK9 transfected lysate ( 48.10 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:** | 5601 |
| **GeneBank Accession#:** | NM_002752.3 |
| **Protein Accession#:** | NP_002743.3 |
| **Gene Name:** | MAPK9 |
| **Gene Alias:** | JNK-55,JNK2,JNK2A,JNK2ALPHA,JNK2B,JNK2BETA,PRKM9,SAPK,p54a,p54aSAPK |
| **Gene Description:** | mitogen-activated protein kinase 9 |
| **Omim ID:** | 602896 |
| **Gene Ontology:** | Hyperlink |
| **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 targets specific transcription factors, and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's mouse counterpart suggest a key role in T-cell differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq |
| **Other Designations:** | Jun kinase,MAP kinase 9,c-Jun N-terminal kinase 2,c-Jun kinase 2,mitogen-activated protein kinase 9 isoform JNK2 alpha2,stress-activated protein kinase JNK2 |

## 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 T cell receptor signaling pathway
Toll-like receptor signaling pathway Type II diabetes mellitus Wnt signaling pathway

## Related Disease

Breast cancer Breast Neoplasms Genetic Predisposition to Disease HIV Infections
Tobacco Use Disorder