



# 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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## DUSP4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001846-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

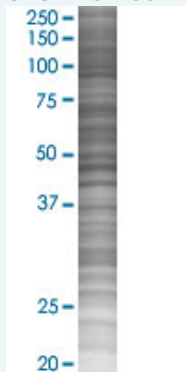
**Plasmid:** pCMV-DUSP4 full-length

**Host:** Human

**Theoretical MW (kDa):** 43

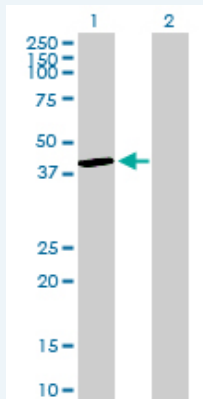
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-DUSP4 antibody ([H00001846-D01P](#)) by Western Blots.

#### SDS-PAGE Gel



DUSP4 transfected lysate.

#### Western Blot



Lane 1: DUSP4 transfected lysate ( 43.00 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:** [1846](#)

**GeneBank  
Accession#:** [NM\\_001394](#)

**Protein  
Accession#:** [NP\\_001385.1](#)

**Gene Name:** DUSP4

**Gene Alias:** HVH2,MKP-2,MKP2,TYP

**Gene  
Description:** dual specificity phosphatase 4

**Omim ID:** [602747](#)

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

**Gene Summary:** The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcript variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadenylation sites have been reported. [provided by RefSeq]

**Other  
Designations:** MAP kinase phosphatase 2,VH1 homologous phosphatase 2,serine/threonine specific protein phosphatase

### Gene Pathway

[MAPK signaling pathway](#)

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