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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAP3K5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004217-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

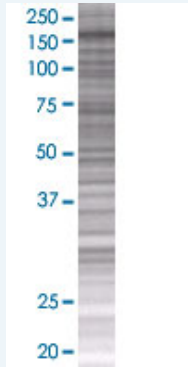
Plasmid: pCMV-MAP3K5 full-length

Host: Human

Theoretical MW (kDa): 151.25

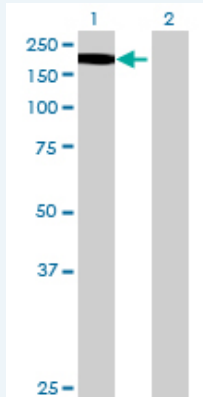
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-MAP3K5 antibody (H00004217-B01) by Western Blots.

SDS-PAGE Gel



MAP3K5 transfected lysate.

Western Blot



Lane 1: MAP3K5 transfected lysate (151.25 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

Gene Information

Entrez GeneID: [4217](#)

GeneBank [NM_005923.3](#)
Accession#:

Protein [NP_005914.1](#)
Accession#:

Gene Name: MAP3K5

Gene Alias: ASK1,MAPKKK5,MEKK5

Gene Description: mitogen-activated protein kinase kinase kinase 5

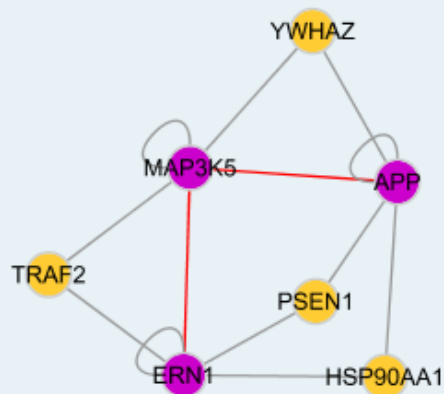
Omim ID: [602448](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MAPKKK5 contains 1,374 amino acids with all 11 kinase subdomains. Northern blot analysis shows that MAPKKK5 transcript is abundantly expressed in human heart and pancreas. The MAPKKK5 protein phosphorylates and activates MKK4 (aliases SERK1, MAPKK4) in vitro, and activates c-Jun N-terminal kinase (JNK)/stress-activated protein kinase (SAPK) during transient expression in COS and 293 cells; MAPKKK5 does not activate MAPK/ERK. [provided by RefSeq]

Other Designations: MAP/ERK kinase kinase 5,MAPK/ERK kinase kinase 5,OTTHUMP00000017275,apoptosis signal regulating kinase

Interactome



Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [MAPK signaling pathway](#)
[Neurotrophin signaling pathway](#)

Related Disease

[Asthma](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Hypersensitivity, Immediate](#) [Inflammation](#)
[Insulin Resistance](#) [Lymphoma, Non-Hodgkin](#) [Tobacco Use Disorder](#)

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