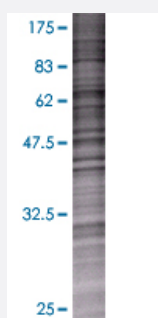


MAPK11 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005600-T01

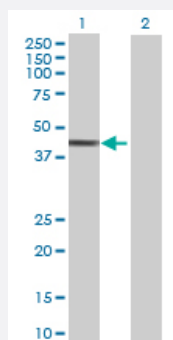
Size 100 uL

Applications



SDS-PAGE Gel

MAPK11 transfected lysate.



Western Blot

Lane 1: MAPK11 transfected lysate (40.15 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-MAPK11 full-length

Host Human

Theoretical MW (kDa) 40.15

Quality Control Testing Transient overexpression cell lysate was tested with Anti-MAPK11 antibody ([H00005600-B01](#)) by Western Blots.
SDS-PAGE Gel
MAPK11 transfected lysate.
Western Blot
Lane 1: MAPK11 transfected lysate (40.15 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.

Applications

- Western Blot

Gene Info — MAPK11

Entrez GeneID	5600
GeneBank Accession#	NM_002751.5
Protein Accession#	NP_002742.3
Gene Name	MAPK11
Gene Alias	P38B, P38BETA2, PRKM11, SAPK2, SAPK2B, p38-2, p38Beta
Gene Description	mitogen-activated protein kinase 11
Omim ID	602898
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 is most closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and environmental stress. This kinase is activated through its phosphorylation by MAP kinase kinases (MKKs), preferably by MKK6. Transcription factor ATF2/CREB2 has been shown to be a substrate of this kinase. [provided by RefSeq]
Other Designations	OTTHUMP00000196655 mitogen-activated protein kinase p38 beta mitogen-activated protein kinase p38-2 stress-activated protein kinase-2 stress-activated protein kinase-2b

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)

- [Fc epsilon RI signaling pathway](#)
- [GnRH signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)