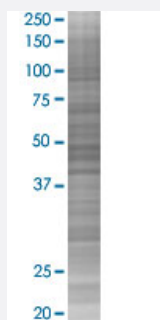


MAPKAPK5 293T Cell Transient Overexpression Lysate(Denatured)

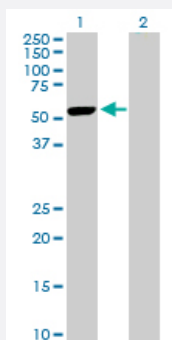
Catalog # H00008550-T02 Size 100 uL

Applications



SDS-PAGE Gel

MAPKAPK5 transfected lysate.



Western Blot

Lane 1: MAPKAPK5 transfected lysate (54.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MAPKAPK5 full-length
Host	Human
Theoretical MW (kDa)	54
Interspecies Antigen Sequence	Mouse (97); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MAPKAPK5 antibody ([H000085550-D01P](#)) by Western Blots.
SDS-PAGE Gel
MAPKAPK5 transfected lysate.
Western Blot
Lane 1: MAPKAPK5 transfected lysate (54.00 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.

Applications

- Western Blot

Gene Info — MAPKAPK5

Entrez GeneID

[8550](#)

GeneBank Accession#

[NM_003668.2](#)

Protein Accession#

[NP_003659.2](#)

Gene Name

MAPKAPK5

Gene Alias

PRAK

Gene Description

mitogen-activated protein kinase-activated protein kinase 5

Omim ID

[606723](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

p38-regulated/activated protein kinase

Pathway

- [MAPK signaling pathway](#)