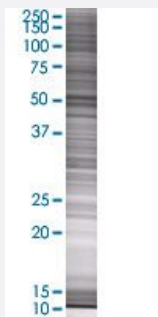


# MAPKAPK5 293T Cell Transient Overexpression Lysate(Denatured)

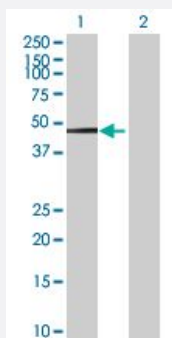
Catalog # H00008550-T01      Size 100 uL

## Applications



### SDS-PAGE Gel

MAPKAPK5 transfected lysate.



### Western Blot

Lane 1: MAPKAPK5 transfected lysate ( 51.92 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-MAPKAPK5 full-length
Host	Human
Theoretical MW (kDa)	51.92
Interspecies Antigen Sequence	Mouse (97); Rat (96)

#### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MAPKAPK5 antibody ([H00008550-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 MAPKAPK5 transfected lysate.  
 Western Blot  
 Lane 1: MAPKAPK5 transfected lysate ( 51.92 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](#)