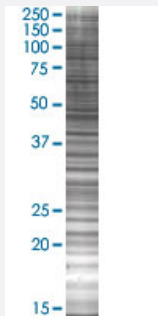


TBK1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00029110-T02

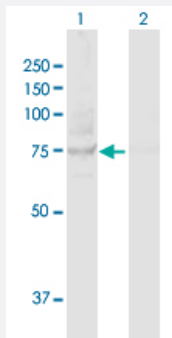
Size 100 uL

Applications



SDS-PAGE Gel

TBK1 transfected lysate.



Western Blot

Lane 1: TBK1 transfected lysate (83.6 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TBK1 full-length
Host	Human
Theoretical MW (kDa)	83.6
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TBK1 antibody ([H00029110-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 TBK1 transfected lysate.
 Western Blot
 Lane 1: TBK1 transfected lysate (83.6 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 — TBK1

Entrez GeneID

[29110](#)

GeneBank Accession#

[NM_013254.2](#)

Protein Accession#

[NP_037386.1](#)

Gene Name

TBK1

Gene Alias

FLJ11330, NAK, T2K

Gene Description

TANK-binding kinase 1

Omim ID

[604834](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. For example, the protein can form a complex with the IKB protein TANK and TRAF2 and release the NFKB inhibition caused by TANK. [provided by RefSeq]

Other Designations

NF-kB-activating kinase

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Hepatitis C](#)