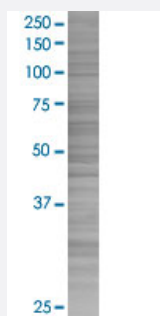


STK3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006788-T01

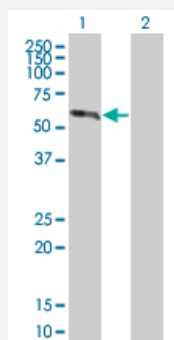
Size 100 uL

Applications



SDS-PAGE Gel

STK3 transfected lysate.



Western Blot

Lane 1: STK3 transfected lysate (54.12 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-STK3 full-length

Host Human

Theoretical MW (kDa) 54.12

Quality Control Testing Transient overexpression cell lysate was tested with Anti-STK3 antibody ([H00006788-B01](#)) by Western Blots.
SDS-PAGE Gel
STK3 transfected lysate.
Western Blot
Lane 1: STK3 transfected lysate (54.12 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 — STK3

Entrez GeneID[6788](#)**GeneBank Accession#**[NM_006281.2](#)**Protein Accession#**[-](#)**Gene Name**

STK3

Gene Alias

FLJ90748, KRS1, MST2

Gene Description

serine/threonine kinase 3 (STE20 homolog, yeast)

Omim ID[605030](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Protein kinase activation is a frequent response of cells to treatment with growth factors, chemical s, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably allows cell s to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstream of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of stress conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents staurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 2001 [PubMed 11278283]).[supplied by OMIM]

Other Designations

serine/threonine kinase 3 (Ste20, yeast homolog)

Pathway

- [MAPK signaling pathway](#)