

Recombinant Human STK3 293 Cell Lysate

Cat. No. STK3-1405HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for serine/threonine kinase 3 (STE20 homolog, yeast) (STK3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

STK3 serine/threonine kinase 3 [Homo sapiens]

Official Symbol

STK3

Synonyms

STK3; serine/threonine kinase 3; serine/threonine kinase 3 (Ste20, yeast homolog); serine/threonine-protein kinase 3; KRS1; MST2; MST-2; STE20-like kinase MST2; mammalian STE20-like protein kinase 2; serine/threonine-protein kinase Krs-1; serine/threonine kinase 3 (STE20 homolog, yeast); FLJ90748;

Gene ID

6788

mRNA Refseq

NM_001256312

Protein Refseq

NP_001243241

MIM

605030

UniProt ID

Q13188

Chromosome Location

8q22.2

Pathway

MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by Hippo, organism-specific

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biosystem;

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