

# Recombinant Human STK24/MST3 Protein (His Tag)

Catalog Number:PKSH030330



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

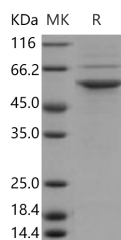
## Description

<b>Synonyms</b>	HEL-S-95;MST3;MST3B;RP11-111L24.5;STE20;STK3
<b>Species</b>	Human
<b>Expression Host</b>	Baculovirus-Insect Cells
<b>Sequence</b>	Met 1-His 431
<b>Accession</b>	Q9Y6E0-2
<b>Calculated Molecular Weight</b>	50.3 kDa
<b>Observed molecular weight</b>	55 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	The specific activity was determined to be 62 nmol/min/mg using synthetic PKCtide peptide (ERM RPRKRQGSVRRRV) as substrate.

## Properties

<b>Purity</b>	> 82 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as sterile solution of 50mM Tris, 100mM NaCl, pH 8.0, 20% glycerol, 0.1mM EGTA, 0.1mM EDTA, 0.25mM DTT
<b>Reconstitution</b>	Not Applicable

## Data



> 82 % as determined by reducing SDS-PAGE.

## Background

MST3 encodes a serine/threonine protein kinase that functions upstream of mitogen-activated protein kinase (MAPK) signaling. The encoded protein is cleaved into two chains by caspases; the N-terminal fragment (MST3/N) translocates to the nucleus and promotes programmed cells death. There is a pseudogene for this gene on chromosome X. Alternative splicing results in multiple transcript variants.

## For Research Use Only

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