Recombinant Human STK24/MST3 Protein (His Tag)

Catalog Number: PKSH030330

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

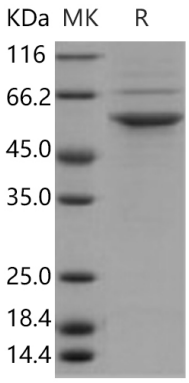
Description

Species	Human
Source	Baculovirus-Insect Cells-derived Human STK24/MST3 protein Met 1-His 431, with an N-terminal His
Calculated MW	50.3 kDa
Observed MW	55 kDa
Accession	Q9Y6E0-2
Bio-activity	The specific activity was determined to be 62 nmol/min/mg using synthetic PKCtide peptide (ERMRPRKRQGSVRRRV) as substrate.

Properties

Purity	> 82 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	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.
Formulation	Supplied as sterile solution of 50mM Tris, 100mM NaCl, pH 8.0, 20% glycerol, 0.1mM EGTA, 0.1mM EDTA, 0.25mM DTT

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.

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