

Datasheet for ABIN7317074

STK4 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	STK4
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This STK4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human STK4/MST1 Protein (His Tag)(Active)
Sequence:	Glu 2-Phe 487
Characteristics:	A DNA sequence encoding the human STK4 isoform 1 (Q13043-1) (Glu 2-Phe 487) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 92 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	The specific activity was determined to be 253 nmol/min/mg using MBP as substrate.

Target Details

Target:	STK4
Alternative Name:	STK4/MST1 (STK4 Products)

Target Details

Background:	<p>Background: MST1 protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.</p> <p>Synonym: KRS2,MST1,TIIAC,YSK3</p>
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Molecular Weight: 58 kDa

Pathways: [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

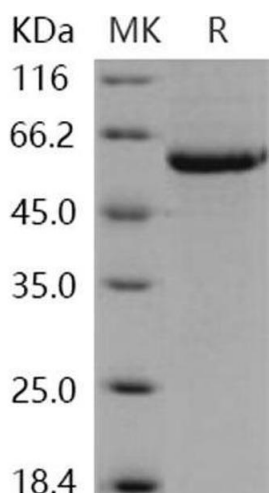
Format: Frozen, Liquid

Buffer: Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.