

Datasheet for ABIN7590079

STK4 Protein (AA 1-487) (His tag)



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Overview

Quantity:	100 µg
Target:	STK4
Protein Characteristics:	AA 1-487
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STK4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>METVQLRNPP RRQLKKLDED SLTKQPEEVF DVLEKLGEGS YGSVYKAIHK ETGQIVAIKQ</p> <p>VPVESDLQEI IKEISIMQQC DSPHVVKYYG SYFKNTDLWI VMEYCGAGSV SDIIRLRNKT</p> <p>LTEDEIATIL QSTLKGLEYL HFMRKIHRDI KAGNILLNTE GHAKLADFGV AGQLTDTMAK</p> <p>RNTVIGTPFW MAPEVIQEIG YNCVADIWSL GITAIEMAEG KPPYADIHPM RAIFMIPTNP</p> <p>PPTFRKPELW SDSFMDFVKQ CLVKSPEQRA TATQLLQHPF VKSAKGVSL RDLINAMDV</p> <p>KLKRQEAQQR EVDQEEEEENS EEDELDSGTM VRAAGDEMGV VRVASSMSDG ANTMIEHDDT</p> <p>LPSQLGTMVI NTEDEEEEGT MKRRDETMQP ARPSFLEYFE QKEKENQINS FGKSVPGPLQ</p> <p>NSSDWKVPQD GDYEFKSWT VEDLQKRLA LDPMMEQEIE EIRQKYQSKR QPILDAIEAK</p> <p>KRRQQNF</p>
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: STK4

Alternative Name: Serine/threonine-protein kinase 4 (STK4) ([STK4 Products](#))

Background: Recommended name: Serine/threonine-protein kinase 4.
EC= 2.7.11.1.
Alternative name(s): Mammalian STE20-like protein kinase 1.
Short name= MST-1 STE20-like kinase MST1 Cleaved into the following 2 chains: 1.
Serine/threonine-protein kinase 4 37kDa subunit.
Short name= 2.
MST1/N 3.
Serine/threonine-protein kinase 4 18kDa subunit.
Short name= 4.
MST1/C

UniProt: [Q5E9L6](#)

Pathways: [Tube Formation](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Handling

Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.