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Datasheet for ABIN1674368

STK4 Protein (AA 1-485) (His tag)

Overview

Quantity:	1 mg
Target:	STK4
Protein Characteristics:	AA 1-485
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STK4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>METVQLRNNP RRHLKKLSEE SLNQPEEVF DVLEKLGEGS YGSVYKASHK ETSQIVAIKQ</p> <p>IPVESDLQEI IKEISIMQQC DSPHVVKYYG SYFKNTDLWI VMEFCGGGSV SDIIRLRKQT</p> <p>LNEDEIATIL QSTLKGLEYL HFMRKIHRDI KAGNILLSCE GTAKLADFGV AGQLTDTMAK</p> <p>RNTVIGTPFW MAPEVIQEIG YNCVADIWSL GITAEMAEG KPPYAEIHPM RAIFMIPSNP</p> <p>PPTFRKPELW SKDFVDFINL CLVKNPELRS SATELLQHPF IKAAGGESIL RHLLNAAQDE</p> <p>KLKRTCLKQR EVEPEEKENV NEDEVDTGTM VQAGGKDLNT MKELGMMSEG ADGTMVEKDK</p> <p>LETQMGTM LI NDEDEEEETG TMKQCTEPAQ QAKPSFLEYF EQKENQFGTP EKTSPSTSDP</p> <p>SEWKIPLNGD YSFLKDWSVA EVQLKLNSLD PMMEREIEEI HHKYQAKRQP ILEAIESKKR RQQNF</p>
Specificity:	Xenopus laevis (African clawed frog)
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 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: [Q6PA14](#)

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

Concentration: 0.2-2 mg/mL

Handling

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.