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Datasheet for ABIN1475702
STK39 Protein (AA 1-553) (His tag)

Overview

Quantity:	1 mg
Target:	STK39
Protein Characteristics:	AA 1-553
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STK39 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAEPSGSPVH VQLPQQAAPV TAAAAAPAAA TSAPAPAPAP AAPAAPAPAP AAPAPAPAAA QAVGWPICRD AYELQEVIQS GATAVVQAAL CKPRQERVAI KRINLEKCQT SMDELLKEIQ AMSQCSPNV VTYTTSFVVK DELWLVMKLL SGGSMLEIHK YIVNRGEHKN GVLEEAIAT ILKEVLEGLD YLHRNGQIHR DLKAGNILLG EDGSVQIADF GVSAFLATGG DVTRNKVRKT FVGTPCWMAP EVMEQVRGYD FKADMWSFGI TAIELATGAA PYHKYPPMKV LMLTLQNDPP TLETGVEDKE MMKKYGKSFH KLLSLCLQKD PSKRPTAAEL LKCKFFQKAK NREYLIEKLL TRTPDIAQRA KKVRRVPGSS GHLHKTEDGD WEWSDDDEMDE KSEEGKAAAS QEKSRRVKEE NPEISVNAGG IPEQIQSLSV HDSQGQPNAN EDYREGPCAV NLVLRRLNSR KELNDRFEF TPGRDTADGV SQELFSAGLV DGHVDVIVAA NLQKIVDDPK ALKTLTFKLA SGCDGAEIPD EVKLIGFAQL SVS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: STK39

Alternative Name: STE20/SPS1-related proline-alanine-rich protein kinase (Stk39) ([STK39 Products](#))

Background: Recommended name: STE20/SPS1-related proline-alanine-rich protein kinase.

Short name= Ste-20-related kinase.

EC= 2.7.11.1.

Alternative name(s): Pancreatic serine/threonine-protein kinase.

Short name= PS/TK.

Short name= PSTK1 Serine/threonine-protein kinase 39

UniProt: [O88506](#)

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 modiflicated 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

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.