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Datasheet for ABIN1676814  
**STK40 Protein (AA 1-435) (His tag)**

### Overview

Quantity:	1 mg
Target:	STK40
Protein Characteristics:	AA 1-435
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STK40 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MKRRASDRGA GETSAKAQAL GTGIAGNNAK RAGPFILGPR LGNSPVPSIV QCLARKDGTD DFYQLKILTL EERGEQGIIES QEERQ GKMLL HTEYSLLSLL HTQDGVVHHH GLFQDRTCEA VEDTESGRMV KKMKKRICLV LDCLCAHDFS DKTADLINLQ HYVIKEKRLS ERETVVIFYD VVRVVEALHQ KNIVHRDLKL GNMVLNKRTH RITITNFCLG KHLVSEGDLL KDQRGSPAYI SPDVLSGRPY RGKPSDMWAL GVVLF TMLYG QFPFYDSIPQ ELFRKIKAAE YTIPEDGRVS ENTVCLIRKL LVLDPQQLA AADVLEALSA IASWQSLSS LSGPLQVVPD IDDQMSSSDS SQEAKVTEEC SQYEFENYMR QQLLLAEEKS SIHEARAWVP KRQFGSMPPV RRLGHDAQPM TSLDTAILAQ RYLK
Specificity:	Rattus norvegicus (Rat)
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

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Purity: > 90 %

## Target Details

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Target: STK40

Alternative Name: Serine/threonine-protein kinase 40 (Stk40) ([STK40 Products](#))

Background: Recommended name: Serine/threonine-protein kinase 40.  
EC= 2.7.11.1.  
Alternative name(s): Serine/threonine-protein kinase lyk4

UniProt: [Q7TNL4](#)

## Application Details

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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

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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 one week

Storage: -20 °C

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