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Datasheet for ABIN1475643
STK3 Protein (AA 1-491) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | STK3 |
| Protein Characteristics: | AA 1-491 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This STK3 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Sequence: | MEQPPAPKSK LKKLSEDSLTKQPEEVFDVL EKLGEESYGS VFKAIHKESG QVVAIKQVPV ESDVQEIIKE ISIMQQCDSP YVVKYYGSYF KNTDLWIVME YCGAGSVSDI IRLRNKTLTE DEIATILKST LKGLEYLHFM RKIHRDIKAG NILLNTEGHA KLADFGVAGQ LTDTMAKRNT VIGTPFWMAP EVIQEIGYNC VADIWSLGIT SIEMAEGKPP YADIHPMRAI FMIPTNPPPT FRKPELWSDD FTDFVKKCLV KSPEQRATAT QLLQHPIKFN AKPVSILREL ITEGMEIKAK RHEEQRELE DEEENSDEDE LDSHTMVKTS SEGVGTM RAT STMSEGAQTM IEHNSTMLES DLGTMVINSE DEEEEDGTMK RNATSPQVQR PSFMDYFDKQ DFKNKSHENC DQSMREPCPM SNNVFPDNWR VPQDGDGDFDL KNLSLEELQM RLKALDPMME REIEELHQRY SAKRQPILDA MDAKKRRQQN F |
| 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

Purity: > 90 %

Target Details

Target: STK3

Alternative Name: Serine/threonine-protein kinase 3 (Stk3) ([STK3 Products](#))

Background: Recommended name: Serine/threonine-protein kinase 3.
EC= 2.7.11.1.
Alternative name(s): Mammalian STE20-like protein kinase 2.
Short name= MST-2 STE20-like kinase MST2 Cleaved into the following 2 chains: 1.
Serine/threonine-protein kinase 3 36kDa subunit.
Short name= 2.
MST2/N 3.
Serine/threonine-protein kinase 3 20kDa subunit.
Short name= 4.
MST2/C

UniProt: [O54748](#)

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. |