Datasheet for ABIN1625710

SGK1 Protein (AA 1-463) (His tag)

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Overview

Quantity:	1 mg
Target:	SGK1
Protein Characteristics:	AA 1-463
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGSMYYNESR MVRKDEVTCN VIIGDDKKTV VYALRIGNGP IMQKTFEEYE RFFTTEKDMI PATIFTAPKK KFLQADSKFY EKRRVWILVI SQHLVDNNLR SEDVRRFFHL ESPDDDENNV DLGPSERKTA TANDFDYLTT IGKGSFGRVY QVRHKETKKI YAMKILSKEH IRKKNEVKHV MAERNVLINN FKHPFLVSLH FSFQNKEKLY FVLDHLNGGE LFSHLQREKH FSESRSRFYA AEIACALGYL HEKNIIYRDL KPENLLLDDK GYLVLTDFGL CKEDMQGSKT TSTFCGTPEY LAPEIILKKP YDKTVDWWCL GSVLYEMIFG LPPFYSKDHN EMYDKIINQP LRLKHNISVP CSELITGLLQ KDRSKRLGHR NDFRDIRDHP FFLPVDWDKL LNRELKAPFI PKVKNAMDTS NISKEFVEIQ IDPSSLAPQQ LAVTHRDHDF ENFTFVDTNR VLV
Specificity:	Caenorhabditis elegans
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	SGK1
Alternative Name:	Serine/threonine-protein kinase sgk-1 (sgk-1) (SGK1 Products)
Background:	Recommended name: Serine/threonine-protein kinase sgk-1. EC= 2.7.11.1. Alternative name(s): Serum- and glucocorticoid-inducible kinase homolog Serum/glucocorticoid-regulated kinase 1
UniProt:	Q2PJ68
Pathways:	MAPK Signaling, Notch Signaling, Steroid Hormone Mediated Signaling Pathway

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 modificated 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 one week

Handling

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