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Datasheet for ABIN1634749 SGK1 Protein (AA 1-431) (His tag)

Overview

Quantity:	1 mg
Target:	SGK1
Protein Characteristics:	AA 1-431
Origin:	Killifish (<i>Oryzias latipes</i>)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTIKTETKEP ALTYSKTRGL VELITAFMKQ RRMGLNDFIQ KLATNSYACK HPEVQSILNL TPPQDPELMN SNPSPPSPS QQINLGPSSN PSAKPSDFHF LKVIKGSGFG KVLLARHRTD DQFYAVKVLQ KKAILKKKEE KHIMSERNLV LKNVKHPFLV GLHYSFQTAD KLYFVLDIYN GGELFYHLQR ERCFLEPRAR FYSAEIASAL GYLHSLNIVY RDLKPENILL DSQGHILTD FGLCKENIEP NGTTSTFCGT PEYLAPEVLH KQPYDRTVDW WCLGAVLYEM LYGLPPFYSR NTAEMYDNIL NKPLQLKPNI SNAARHLLEG LLQKDRTKRL GCKDDFTEIK NHVFFSPINW DDLNAKKMTP PFNPNVTGPN DLRHFDPEFT DEVPSSIGC SPDCALATAS IKEAAEAFVG FSYAPSMDSY L
Specificity:	Fundulus heteroclitus (Killifish) (Mummichog)
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: SGK1

Alternative Name: Serine/threonine-protein kinase Sgk1 (sgk1) ([SGK1 Products](#))

Background: Recommended name: Serine/threonine-protein kinase Sgk1.
EC= 2.7.11.1.
Alternative name(s): Serum/glucocorticoid-regulated kinase 1

UniProt: [Q5Q0U5](#)

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 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 one week

Storage: -20 °C

Handling

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