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Datasheet for ABIN1477725

Aurora Kinase B Protein (AURKB) (AA 1-360) (His tag)

Overview

Quantity:	1 mg
Target:	Aurora Kinase B (AURKB)
Protein Characteristics:	AA 1-360
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aurora Kinase B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSYKENLNPS SYTSKFATPS SATAAQRVLR KEPYVSTFTT PSDNLLAQRA QLARITPSAS SSVPGRVAVS MDASSQNTAL AELPKRKFTI DDFDIGRPLG KGKFGNVYLA RDKQNKFIMA LKVLFKSQLE KEGVEHQLRR EIEIQSHLRH PNILRMVNYF HDRKRIYMLM EFAPRGELYK ELQKHGRFDE QRSATFMEEL ADALQYCHER KVIHRDIKPE NLLMGYKGEL KIADFGWSVH APSLRRRTMC GTLDYLPPPEM IEGKTHDEKV DLWCAGVLCF EFLVGMPPFD SPSHTETHRR IVNVDLKFPP FLSDGSKDLI SKLLRYHPPQ RLPLKGVMEH PWVKANSRRV LPPVFQSSSK
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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.
Purity:	> 90 %

Target Details

Target:	Aurora Kinase B (AURKB)
Abstract:	AURKB Products
Background:	Recommended name: Aurora kinase B. EC= 2.7.11.1. Alternative name(s): Aurora/IPL1-related kinase 2. Short name= AIRK2. Short name= XAIRK2 Serine/threonine-protein kinase 12 Serine/threonine-protein kinase aurora-B. Short name= xAurora-B
UniProt:	A4IGM9
Pathways:	TCR Signaling , Cell Division Cycle , Maintenance of Protein Location , Hepatitis C , Toll-Like Receptors Cascades

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
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.