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Datasheet for ABIN1613527

**Aurora Kinase B Protein (AURKB) (AA 1-344) (His tag)**

## Overview

Quantity:	1 mg
Target:	Aurora Kinase B (AURKB)
Protein Characteristics:	AA 1-344
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aurora Kinase B protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MAQKENAYPW PYGRQTAQPG LNTLPQRVLR KEPVTPSALV LMSRSNAQPT AAPGQKVVEN SSGTPNIPKR SFTIDDFEIG RPLGKGKFGN VYLAREKKSH FIVALKVLFK SQIEKEGVEH QLRREIEIQA HLQHPNILRL YNYFYDRRRI YLILEYAPRG ELYKELQKSR TFDEQRTATI MEELADALTY CHAKKVIHRD IKPENLLLGL RGELKIADFG WSVHAPSLRR KTMCGTLDYL PPEMIEGRTH NEKVDLWCIG VLCYELLVGN PPFESASHNE TYRRIVKVDL KFPPSVPLGA QDFIYKLLKH NPSERLPLAQ VSAHPWVRTH SRRVLPPSAP QSVF
Specificity:	Bos taurus (Bovine)
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:	<a href="#">AURKB Products</a>
Background:	<p>Recommended name: Aurora kinase B.</p> <p>EC= 2.7.11.1.</p> <p>Alternative name(s): Aurora 1 Aurora- and IPL1-like midbody-associated protein 1.</p> <p>Short name= AIM-1 Aurora/IPL1-related kinase 2.</p> <p>Short name= ARK-2.</p> <p>Short name= Aurora-related kinase 2 STK-1 Serine/threonine-protein kinase 12</p> <p>Serine/threonine-protein kinase 5 Serine/threonine-protein kinase aurora-B</p>
UniProt:	<a href="#">Q7YRC6</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Cell Division Cycle</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Comment:	<p>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.</p>
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

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Storage: -20 °C

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