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Datasheet for ABIN1613238 Aurora Kinase B Protein (AURKB) (AA 1-320) (His tag)



Overview

Quantity:	1 mg
Target:	Aurora Kinase B (AURKB)
Protein Characteristics:	AA 1-320
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aurora Kinase B protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MQNKENREPR VQQTPSAGVG PLRVEMNPDT HAVSGPGRVP VKSNSKVLSI DDFDIGRPLG
	KGKFGNVYLA RERKLKVVIA LKVLFKSQMV KEGVEHQLRR EIEIQSHLRH PNILRFYNYF
	HDDTRVFLIL EYAPRGEMYK ELQRYGRFDD QRTATYMEEV SDALQYCHEK KVIHRDIKPE
	NLLLGYRGEL KIADFGWSVH APSLRRRTMC GTLDYLPPEM IEGHSHDEKV DLWSIGVLCY
	ECLVGNPPFE TASHAETYKR ITKVDLQFPK LVSEGARDLI SKLLRHSPSM RLPLRSVMEH
	PWVKANSRRV LPPVCSSEPH
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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.
Purity:	> 90 %

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Target Details

Target:	Aurora Kinase B (AURKB)
Abstract:	AURKB Products
Background:	Recommended name: Aurora kinase B.
	EC= 2.7.11.1.
	Alternative name(s): Serine/threonine kinase A Serine/threonine-protein kinase 12
	Serine/threonine-protein kinase aurora-B
UniProt:	Q6NW76
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 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
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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