

Datasheet for ABIN7583612

Aurora A Protein (AA 1-402) (His tag)



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Overview

Quantity:	100 µg
Target:	Aurora A (AURKA)
Protein Characteristics:	AA 1-402
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aurora A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDRCKENCIS GPKTAVPLSD GPKRVPVAQQ FPSQNPVSVN SGQAQRVLCF TNSSQRVPSQ AQKLVSQKP VQTLKQKPPQ AASAPRPVTR PPSNTQKSKQ PQPPAPGNNP EKEVASKQKN EESKKRQWAL EDIEGRPLG KGKFGNVYLA REKQSKFILA LKVLFAQLE KAGVEHQLRR EVEIQSHLRH PNILRLGYF HDATRVYLIL EYAPLGAVYR ELQKLSKFDE QRTATYITEL ANALSYCHSK RVIHRDIKPE NLLLSAGEL KIADFGWSVH APSSRRITLC GTLDYLPPEM IEGRMHDEKV DLWSLGVLCY EFLVGKPPFE ADTYQETYRR ISRVEFTFPD CVPEGARDLI SRLLKHNPSQ RPTLKEVLEH PWIIANSKPS SCQKKESTSK QS
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 A (AURKA)
Abstract:	AURKA Products
Background:	Recommended name: Aurora kinase A. EC= 2.7.11.1. Alternative name(s): Aurora 2 Aurora/IPL1-related kinase 1. Short name= ARK-1. Short name= Aurora-related kinase 1 Serine/threonine-protein kinase 15 Serine/threonine-protein kinase 6 Serine/threonine-protein kinase aurora-A
UniProt:	Q2TA06
Pathways:	Cell Division Cycle , Asymmetric Protein Localization

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
Storage:	-20 °C

Handling

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