Datasheet for ABIN7591165

PLK3 Protein (AA 1-647) (His tag)

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Overview

Quantity:	100 µg
Target:	PLK3
Protein Characteristics:	AA 1-647
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLK3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEPAAGFLSP RPFPRAAAPS SPPAGPGPPA SASPRSEPGV LAGPQTPDAS RLITDPRSGR TYIKGRLLGK GGFARCYEAT DTETSIAYAV KVIPQSRVAK PHQREKIINE IELHRDLQHR HIVRFSHHFE DADNIYIFLE LCSRKSLAHI WKARHTLLEP EVRYYLRQIL SGLKYLHQRG ILHRDLKLGN FFITDNMELK VGDFGLAARL EPPEQRKKTI CGTPNYVAPE VLLRQGHGPE ADVWSLGCVM YTLLCGSPPF ETADLKETYR CIKQVHYTLP ASLSLPARQL LAAILRASPR DRPSIEQILR HDFFTKGYTP DRLPVSSCVT VPDLTPPNPA RSLFAKVTKS LFGRRKSKNK NHSEEQDNVS CLVSGLMRTS IGHPDVRPEA PAASALAPVS LVETAAEDSS PRGTLASSGD GFEEGLTVTT VVESALCALR NCVAFMPPAE QNPAPLAQPE PLVWVSKWVD YSNKFGFGYQ LSSRRVAVLF NDGTHMALSA NRKTVHYNPT STKHFSFSVG SVPRALQPQL GILRYFASYM EQHLMKGGDL PSVEEVEVPA PPLLLQWVKT DQALLMLFSD GTVQVNFYGD HTKLILSGWE PLLVTFVARN RSACTYLASH LRQLGCSPDL RQRLRYALRL LRDRSPA
Specificity:	Rattus norvegicus (Rat)

Product Details

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 %

Target Details

Target:	PLK3
Alternative Name:	Serine/threonine-protein kinase PLK3 (Plk3) (PLK3 Products)
Background:	Recommended name: Serine/threonine-protein kinase PLK3. EC= 2.7.11.21. Alternative name(s): Cytokine-inducible serine/threonine-protein kinase FGF-inducible kinase Polo-like kinase 3. Short name= PLK-3
UniProt:	Q9R011
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

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

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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