

Datasheet for ABIN7591325
PLK2 Protein (AA 1-682) (His tag)



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Overview

Quantity:	100 µg
Target:	PLK2
Protein Characteristics:	AA 1-682
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLK2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MELLRTITYQ PAAGTKMCEQ ALGKACGGDS KKKRPQQPSE DGQSQAQVTP AAPHHHHHHS HSGPEISRII VDPTTGKRYC RGKVLGKGGF AKCYEMTDLT NNKVYAAKII PHSRVAKPHQ REKIDKEIEL HRILHHKHVV QFYHYFEDKE NIYILLEYCS RRSMAHILKA RKVLTEPEVR YYLRQIVSGL KYLHEQEILH RDLKLGNIFFI NEAMELKVDG FGLAARLEPL EHRRRTICGT PNYLSPEVLN KQGHGCESDI WALGCVMYTM LLGRPPFETT NLKETYRCIR EARYTMPSSL LAPAKHLIAS MLSKNPEDRP SLDDIIRHDF FLQGFTPDLR SSSCCHTPVD FHLSSPAKNF FKKAAAALFG GKDKKARYND THNKVSKEDY DIYKLRHDLK KTSITQQPSK HRTDEELQPP PTTFAKSGTS AVENKQQIGD AIRMIVRGTL GSCSSSSECL EDSTMGSVAD TVARVLRGCL ENMPEADCIP KEQLSTSFQW VTKWVDYSNK YGFGYQLSDH TVGVLFNNGA HMSLLPDKKT VHYAELGQC SVFPATDAPE QFISQVTVLK YFSHYMEENL MDGGDLPSVT DIRRPRLYLL QWLKSDKALM MLFNDGTFQV NFYHDHTKII ICNQNEEYLL TYINEDRIST TFRLTTLMS GCSLELKHRM EYALNMLLQR CN
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	PLK2
Alternative Name:	Serine/threonine-protein kinase PLK2 (Plk2) (PLK2 Products)
Background:	Recommended name: Serine/threonine-protein kinase PLK2. EC= 2.7.11.21. Alternative name(s): Polo-like kinase 2. Short name= PLK-2 Serine/threonine-protein kinase SNK Serum-inducible kinase
UniProt:	Q9R012

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

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.