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Datasheet for ABIN7395158  
**CDK1 Protein (AA 59-182) (His tag)**

### Overview

Quantity:	100 µg
Target:	CDK1
Protein Characteristics:	AA 59-182
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

### Product Details

Sequence:	Arg59-Ser182
Characteristics:	Recombinant Cyclin Dependent Kinase 1 (CDK1), Prokaryotic expression, Arg59-Ser182, N-terminal His Tag
Purity:	> 97 %

### Target Details

Target:	CDK1
Alternative Name:	Cyclin Dependent Kinase 1 ( <a href="#">CDK1 Products</a> )
Background:	CDC2, CDC28A, CDK1, CDC28-A, CDKN1, P34CDC2, p34 protein kinase, Cell Division Control Protein 2 Homolog, Cell Division Cycle 2,G1 To S And G2 To M

## Target Details

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Molecular Weight:	15kDa
UniProt:	<a href="#">P06493</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">M Phase</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Synthesis of DNA</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:8.7
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	100 mMNaHCO <sub>3</sub> , 500 mMNaCl, pH 8.3, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months