

Datasheet for ABIN5853044  
**CDK3 Protein (AA 1-305) (His tag)**



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1 Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg                                       |
| Target:                       | CDK3  |
| Protein Characteristics:      | AA 1-305                                    |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This CDK3 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                              |

## Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMDMFQKV EKIGEGTYGV VYKAKNRETG QLVALKKIRL  
DLEMEGVPST AIREISLLKE LKHPNIVRLL DVVHNERKLY LVFEFLSQDL KKYMDSTPGS  
ELPLHLIKSY LFQLLQGVSF CHSHRVIHRD LKPQNLLINE LGAIKLADFG LARAFGVPLR  
TYTHEVVTWL YRAPEILLGS KFYTTAVDIW SIGCIFAEMV TRKALFPGDS EIDQLFRIFR  
MLGTPSEDTW PGVTQLPDYK GSFPKWTRKG LEEIVPNLEP EGRDLLMQLL QYDPSQRITA  
KTALAHPYFS SPEPSPAARQ YVLQRFRH

Purity: > 85 % by SDS - PAGE

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CDK3                                   |
| Alternative Name: | CDK3 ( <a href="#">CDK3 Products</a> ) |

## Target Details

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|                   |  |
|-------------------|--|
| Background:       | CDK3 is a member of the cyclin-dependent protein kinase family. The protein promotes entry into S phase, in part by activating members of the E2F family of transcription factors. The protein also associates with cyclin C and phosphorylates the retinoblastoma 1 protein to promote exit from G0. Recombinant human CDK3 protein, fused to His-tag at N-terminus, was expressed in E.coli. |
| Molecular Weight: | 37.4kDa (328aa)  |
| NCBI Accession:   | <a href="#">NP_001249</a>  |
| UniProt:          | <a href="#">Q00526</a>   |
| Pathways:         | <a href="#">Cell Division Cycle</a>  |

## Application Details

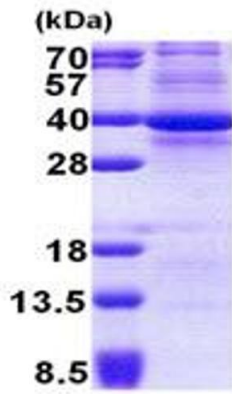
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|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Denatured  |
| Restrictions:      | For Research Use only  |

## Handling

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|                  |  |
|------------------|--|
| Format:          | Liquid   |
| Concentration:   | 0.25 mg/mL   |
| Buffer:          | Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 1M urea, 10 % glycerol   |
| Storage:         | 4 °C,-20 °C,-80 °C   |
| Storage Comment: | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |



15% SDS-PAGE (3ug)

### SDS-PAGE

Image 1.