

Product datasheet

Recombinant Human CDK1 protein (denatured)
ab202615

1 Image

Description	
Product name	Recombinant Human CDK1 protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P06493-1</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMEDYTKIEKIGEGTYGVVYK GRHKTTGQVV AMKKIRLESEEEGVPSTAIREISLLKELRHPNIVSLQDVLMQ DSRLYLIF EFLSMDLKKYLD SIPP GQYMDSSLVKSYLYQILQG MFC HS RRVLHRDLK PQNLLIDDKGTIKLAD FGLARA FGIP RVYTHEVVTLWYRSP EVLLGSAR YSTPVDWISG TIFAELATKKPLFHGDSEIDQLFRIFRALGTP NNEVWPE VESLQDYKNTFPKWKPGSLASHVK NLDENGLDLLSKMLIY DPAKRISGKM ALNHPYFNDLDN QIKKM
Predicted molecular weight	36 kDa including tags
Amino acids	1 to 297
Tags	His tag N-Terminus
Additional sequence information	NCBI Accession No. NP_001777.
Description	Recombinant Human CDK1 protein

Specifications

Our **Abpromise guarantee** covers the use of **ab202615** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 10% Glycerol (glycerin, glycerine), 0.32% Tris HCl

General Info

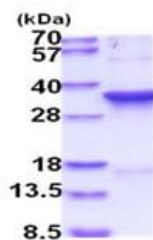
Function Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

Tissue specificity Isoform 2 is found in breast cancer tissues.

Sequence similarities Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.
Contains 1 protein kinase domain.

Cellular localization Nucleus.

Images



15% SDS-PAGE analysis of ab202615 (3µg).

SDS-PAGE - Recombinant Human CDK1 protein
(denatured) (ab202615)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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