

AR50993PU-S

Human CDK3 (1-305, His-tag) - Purified

Alternate names:

Cell division protein kinase 3

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

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 retinoblast

Uniprot ID:

[Q00526](#)

NCBI:

[NP_001249](#)

GeneID:

[1018](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol

Description:

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMDMFQKV EKIGEGTYGV VYKAKNRETG QLVALKKIRL
DLEMEGVPST AIREISLLKE LKHPNIVRL DVVHNERKLY LVFEFLSQDL KKYMDSTPGS
ELPLHLIKSY LFQLLQGVSF CHSHRVIHRD LKPQNLLINE LGAIKLADFG LARAFGVPLR
TYTHEVVTIW YRAPEILLGS KFYTTAVDIW SIGCIFAEMV TRKALFPGDS EIDQLFRIFR
MLGTPSEDW PGVTQLPDYK GSFPKWTRKG LEEIVPNLEP EGRDLLMQLL QYDPSQRITA
KTALAHYPYFS SPEPSAARQ YVLQRFRH

Molecular weight: 37.4 kDa (328aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

MacLachlan T K., et al. (1995) Eukaryot Gene Expr. 5:127-156. Braun K., et al. (1998) Oncogene. 17:2259-2269.

Pictures:

