

Recombinant Human CDK1 protein, His-tagged

Cat. No. CDK1-653H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK1 protein is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-297 aa
Form	The purified protein was Lyophilized from sterile PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH7.0). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MEDYTKIEKIGEGTYGVVYKGRHKTTGQVVAMKKIRLESEEEGVPSTAIRESLLKEL RHPNIVSLQDVLMQDSRLYLIFEFLSMDLKKYLD SIPP GQYMDSSLVKS YLYQILQGIV FCHSRRVLHRDLKPQNLLIDDKGTIKLADFG LARAFGIPIRVYTHEVVTLWYRSPEVLL GSARYSTPVDIWSIGTIFAELATKKPLFHGDSEIDQLFRIFRALGTPNNEVWPEVESL QDYKNTFPKWKPGSLASHVKNLDENGLDLLSKMLIYDPAKRISGKMALNHPYFNDLD NQIKKM
Purity	> 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name

CDK1 cyclin-dependent kinase 1 [Homo sapiens]

Official Symbol

CDK1

Synonyms

CDK1; cyclin-dependent kinase 1; CDC28A; p34 protein kinase; cell cycle controller CDC2; CDC2; P34CDC2; MGC111195; DKFZp686L20222;

Gene ID

983

mRNA Refseq

NM_001170406

Protein Refseq

NP_001163877

MIM

116940

UniProt ID

P06493

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