

Recombinant Full Length Human CDK1 Protein, His tagged

Cat. No. CDK1-654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CDK1 Protein with His tag was expressed i Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-297 aa
Description	Recombinant human CDK1 protein, fused to His-tag at C-terminus, was expressed in insect cells using baculovirus expression system and purified by using conventional chromatography techniques.
Form	Liquid in Phosphate-Buffered Saline (pH 7.4) 30% glycerol, 2mM DTT, 0.1mM PMSF
Molecular Mass	35.1 kDa
AASequence	MEDYTKIEKIGEGTYGVVYKGRHKTTGQVVAMKKIRLESEEEGVPSTAIREISLLKEL RHPNIVSLQDVLQMDSRLYLIFEFLSMDLKKYLD SIPPGQYMDSSLVKS YLYQILQGIV FCHSRRVLHRDLKPQNLIDDKGTIKLADFG LARAFGIPIRVYTHEVVT LWYRSPEVLL GSARYSTPVDIWSIGTIFAE LATKKPLFHGDSEIDQLFRIFRALGTPNNEVWPEVESL QDYKNTFPKWKPGSLASHVKNLDENGLDLLSKMLIYDPAKRISGKMALNHPYFNDLD NQIKKMz
Endotoxin	< 1 EU/μg by LAL

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Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Bradford assay)
Reference	1. Fourest-Lieuvin A., et al. (2006) Mol. Biol. Cell. 17:1041-1050 2. Westbrook L., et al. (2007) Cancer Res. 67:11393-11401

GENE INFORMATION

Gene Name	CDK1 cyclin-dependent kinase 1 [Homo sapiens]
Official Symbol	CDK1
Synonyms	CDK1; cyclin-dependent kinase 1; CDC2, cell division cycle 2, G1 to S and G2 to M; CDC28A; p34 protein kinase; cell cycle controller CDC2; cell division protein kinase 1; cell division control protein 2 homolog; cell division cycle 2, G1 to S and G2 to M; CDC2; P34CDC2; MGC111195; DKFZp686L20222
Gene ID	983
mRNA Refseq	NM_001786
Protein Refseq	NP_001777
MIM	116940

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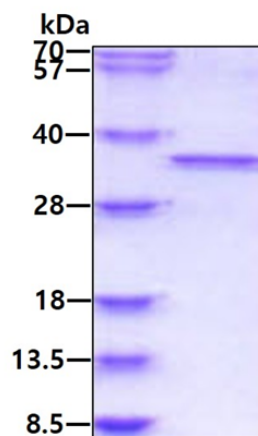
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UniProt ID

P06493

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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