

Recombinant Human CDK2 protein, His-tagged

Cat. No. CDK2-615H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK2 protein(NP_001789.2) (Met 1-Leu 298) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-298 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol.
Molecular Mass	The recombinant human CDK2 consists of 308 amino acids and predicts a molecular mass of 35 kDa. The apparent molecular mass of rhCDK2 is approximately 33 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

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GENE INFORMATION

Gene Name	CDK2 cyclin-dependent kinase 2 [Homo sapiens]
Official Symbol	CDK2
Synonyms	CDK2; cyclin-dependent kinase 2; p33 protein kinase; cell division kinase 2; cdc2-related protein kinase; cell division protein kinase 2; p33(CDK2);
Gene ID	1017
mRNA Refseq	NM_001798
Protein Refseq	NP_001789
MIM	116953
UniProt ID	P24941

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