

**32-8130: Recombinant Human Cyclin-Dependent Kinase 6/CDK6 (N-6His)(Discontinued)**

**Gene :** CDK6  
**Gene ID :** 1021  
**Uniprot ID :** Q00534

**Description**

Source: E.coli.  
MW :39.1kD.

Recombinant Human Cyclin-Dependent Kinase 6 is produced by our E.coli expression system and the target gene encoding Met1-Ala326 is expressed with a 6His tag at the N-terminus. Cyclin-Dependent Kinase 6 (CDK6 belongs to the CMGC Ser/Thr protein kinase family and CDC2/CDKX subfamily. CDK6 is expressed in many tissues and contains one protein kinase domain. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. Mutations and overexpression of CDK6, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis.

**Product Info**

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mM Tris, 100mM NaCl, 20% Glycerol, 5mM DTT, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMEKDGLCRADQYECVAEIGEGAYGKVKARDLKNNGRFRVVALKRVRVQTGE  
EGMPLSTIREVAVLRHLETFEHPNVVRLFDVCTVSRDRETKLTLVFEHVDQDLTTYLDKVPEPGVPTETIKDMM  
FQLLRGLDFLHSHRVVHRDLKPQNILVTSSGQIKLADFGGLARIYSFQMALTSVVVTLWYRAPEVLLQSSYATPVD  
LWSVGCIFAEMFRRKPLFRGSSDVDQLGKILDVIGLPGCEEDWPRDVALPRQAFHSKSAQPIEFVTDIDELGKD  
LLLKCLTFNPAKRISAYSALSHPYFQDLERCKENLDSHLPSSQNTSELNTA

**Application Note**

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.