

## Recombinant Human CDK6 Protein

Catalog #	Source	Reactivity	Applications
CRP1273	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CDK6 Protein 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.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 50mM Tris, 100mM NaCl, 20% Glycerol, 5mM DTT, pH 8.0.		
<b>Gene Symbol</b>	CDK6		
<b>Alternative Names</b>	CDKN6; Cyclin-dependent kinase 6; Cell division protein kinase 6; Serine/threonine-protein kinase PLSTIRE		
<b>Entrez Gene</b>	1021 (Human)		
<b>SwissProt</b>	Q00534 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MGSSHHHHHH SSGLVPRGSH MEKDGLCRAD QQYECVAEIG EGAYGKVFKA RDLKNGGRFV ALKRVRVQTG EEGMPLSTIR EVAVLRHLET FEHPNVVRLF DVCTVSRTDR ETKLTLVFEH VDQDLTTYLD KVPEPGVPTE TIKDMMFQLL RGLDFLHSHR VVHRDLKPQN ILVTSSGQIK LADFGGLARIY SFQMALTSVV VTLWYRAPEV LLQSSYATPV DLWSVGCIFA EMFRRKPLFR GSSDVDQLGK ILDVIGLPGE EDWPRDVALP RQAFHSKSAQ PIEKFVTDID ELGKDLLLKC LTFNPAKRIS AYSALSHPYF QDLERCKENL DSHLPPSQNT SELNTA		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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