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CDK2, 1-298aa, Human, His tag, E.coli

产品货号: TP01557

第三版

别名:Cyclin-dependent kinase 2, p33 (CDK2).

描述:CDK2, also known as cyclin-dependent kinase 2, is a member of the Ser/Thr protein kinase family. It is highly similar to the gene products of *S. cerevisiae* cdc28, and *S. pombe* cdc2. It is a catalytic subunit of the cyclindependent protein kinase complex, whose activity is restricted to the G1-S phase, and is essential for cell cycle G1/S phase transition.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量:35.0 kDa (306aa), confirmed by MALDI-TOF

序列:

MENFQKVEKIGEGTYGVVYKARNKLTGEVVALKKIRLDTETEGVPSTAIRESLLKELNHPNIVKLLDVIHTENKLYLVFEFL
HQDLKKFMDASALTGIPLPLIKSYLFQLLQGLAFCHSHRVLHRDLKPQNLLINTEGAIKLADFGLARAFGVPVRTYTHEVV
TLWYRAPEILLGCKYYSTAVDIWSLGCIFAEMVTRRALFPGDSEIDQLFRIFRTLGTDPDEVVWPGVTSMPDYKPSFPKWAR
QDFSKVVPPLDEDGRSLLSQMLHYDPNKRISAKAALAHPPFQDVTKVPVPHLRLLEHHHHHH

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.