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CDK5, 1-292 aa, Human, His tag, E.coli

产品货号: TP01562

第三版

别名:Cyclin-dependent kinase 5, PSSALRE

描述:CDK5, also known as cell division protein kinase 5, is a member of the cyclin-dependent kinase family. It is required for proper development of the brain and to be activated, CDK5 must associate with CDK5R1 or CDK5R2. Unlike other cyclin dependent kinases, it does not also require phosphorylation on the T loop so that binding with the activator is sufficient to activate the kinase.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:35.8 kDa(316aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMQKYEKLEKIGEGTYGTVFKAKNRETHEIVALKRVRLLDDDDDEGVPSSALREICLL
KELKHKNIVRLHDVHLHSDKLLTLVFECQDLKKYFDSCNGDLDPKIVKSFLQLLKGLGFCHSRNVLHRDLKPNLLINR
NGELKLADFGARAFGIPVRCYSAEVVTLWYRPPDVLFGAKLYSTSIDMWSAGCIFAELANAGRPLFPGNDVDDQLKRIFR
LLGTPTEEQWPSMTKLPDYKPYPMYPATTSLVNVVPKLNATGRDLLQNLLKCNPVQRISAEELQHPYFSDFCPP

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.