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Recombinant Human Cyclin-Dependent Kinase Inhibitor 1/CDKN1A/p21 Protein(C-6His)

产品货号: TP05811

第三版

别名:Cyclin-Dependent Kinase Inhibitor 1; CDK-Interacting Protein 1; Melanoma Differentiation-Associated Protein 6; MDA-6; p21; CDKN1A; CAP20; CDKN1; CIP1; MDA6; PIC1; SDI1; WAF1

描述:Cyclin-Dependent Kinase Inhibitor 1 (CDKN1A) is a member of the CDI family. CDKN1A is widely expressed in all adult tissues, but low expressed in the brain tissue. CDKN1A can be induced by p53/TP53, mezerein and IFNB1, repressed by HDAC1. CDKN1A may be an important intermediate, by which p53/TP53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage, CDKN1A can bind to and inhibit cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.

配方:PBS

分子量:19.3 kDa

序列:Ser2-Pro164

纯度:> 95% by HPLC

浓度:

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.