
本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Recombinant Human Cyclin-H/CCNH Protein(N-6His)

产品货号: TP05330

第三版

别名:Cyclin-H;CCNH;MO15-associated protein;p34;p37

描述:Human CCNH, also known as Cyclin-H , MO15-associated protein , p34 and p37, is a protein which belongs to the highly conserved cyclin family. Cyclin family members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with CDK7 kinase and ring finger protein MAT1.CCNH regulates CDK7 which is the catalytic subunit of the CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIID basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminal domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. CCNH is also involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle.

配方:PBS

分子量:39.8 kDa

序列:Met 1-Leu323

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.