

Recombinant human CDK1 + Cyclin A2 protein ab64299

5 图像

描述

产品名称	重组人CDK1 + Cyclin A2蛋白
生物活性	Specific activity: 178 nmol/min/mg.
纯度	> 70 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

技术指标

Our **Abpromise guarantee** covers the use of **ab64299** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Functional Studies
形式	Liquid
补充说明	ab89813 (Histone H1 protein) can be utilized as a substrate for assessing kinase activity

制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

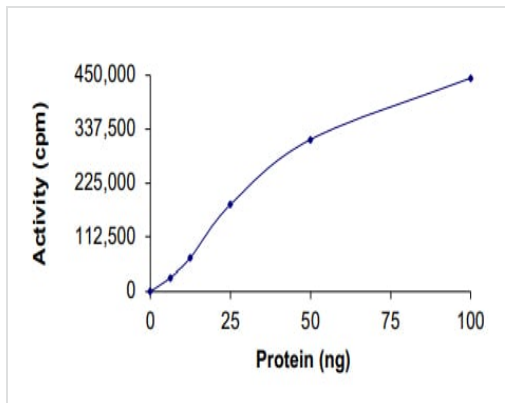
相关性	Cyclin A2 is essential for the control of the cell cycle at the G1/S (start) and the G2/M (mitosis)
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transitions. CDK1 plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

细胞定位

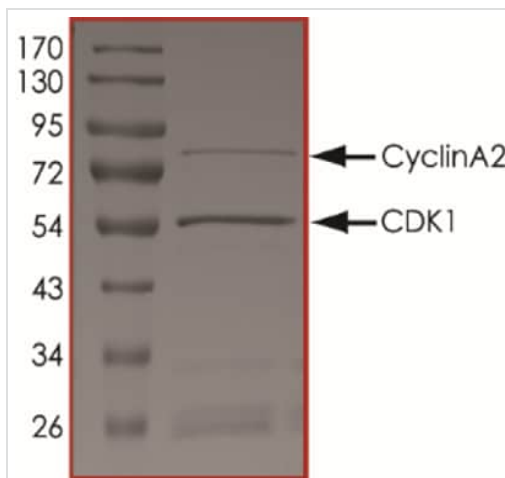
Cytoplasmic and Nuclear

图片



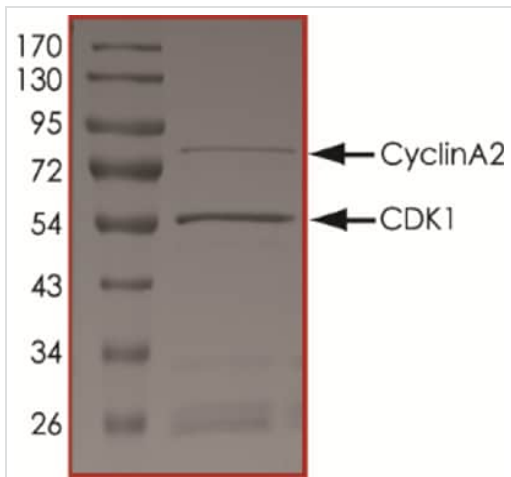
The specific activity of CDK1 + Cyclin A2 (ab64299) was determined to be 205 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human CDK1 + Cyclin A2 protein (ab64299)



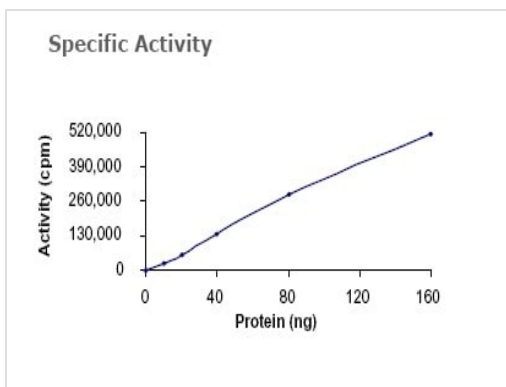
SDS PAGE analysis of ab64299

SDS-PAGE - Recombinant human CDK1 + Cyclin A2 protein (ab64299)



SDS PAGE analysis of ab64299

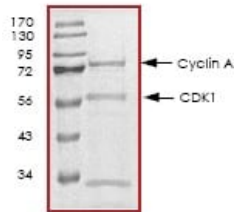
SDS-PAGE - Recombinant human CDK1 + Cyclin A2 protein (ab64299)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human CDK1 + Cyclin A2 protein (ab64299)

SDS page analysis of ab64299.



SDS-PAGE - Recombinant human CDK1 + Cyclin
A2 protein (ab64299)

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