

# Recombinant human Cdc25C protein ab105911

## 5 图像

### 描述

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产品名称	重组人Cdc25C蛋白
生物活性	The Specific activity of ab105911 was determined to be 22 nmol/min/mg.
纯度	> 70 % SDS-PAGE. Purity was determined to be >70% by densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<b><u>P30307</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	84 kDa including tags
氨基酸	1 to 473
标签	GST tag N-Terminus

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab105911** 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

### 制备和贮存

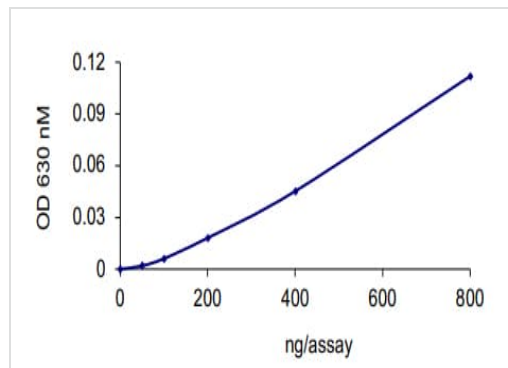
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稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium 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

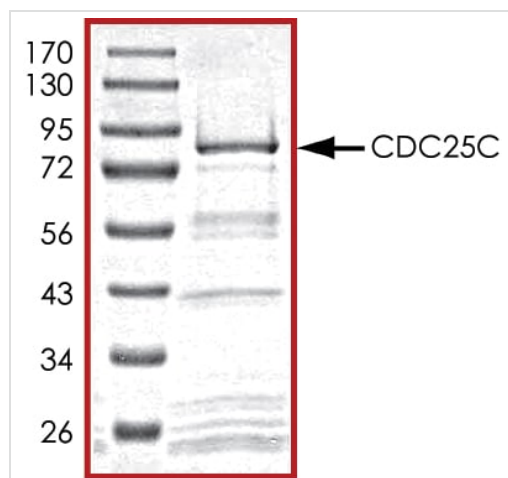
功能	Functions as a dosage-dependent inducer in mitotic control. It is a tyrosine protein phosphatase required for progression of the cell cycle. It directly dephosphorylates CDK1 and activate its kinase activity.
序列相似性	Belongs to the MPI phosphatase family. Contains 1 rhodanese domain.
发展阶段	Expressed predominantly in G2 phase.
翻译后修饰	Phosphorylated by CHK1 on Ser-216. This phosphorylation creates a binding site for 14-3-3 protein and inhibits the phosphatase. Phosphorylated by PLK4.
细胞定位	Nucleus.

## 图片



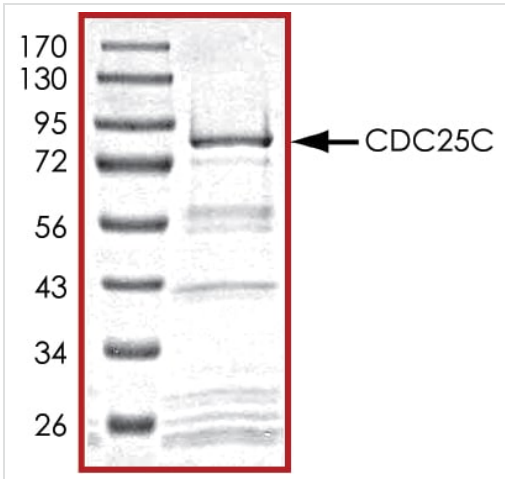
The specific activity of Cdc25C (ab105911) was determined to be 22 phosphate released/min/mg as per activity assay protocol

Functional Studies - Recombinant human Cdc25C protein (ab105911)



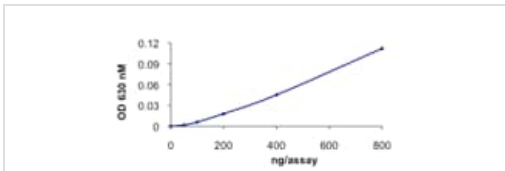
SDS PAGE analysis of ab105911

SDS-PAGE - Recombinant human Cdc25C protein (ab105911)



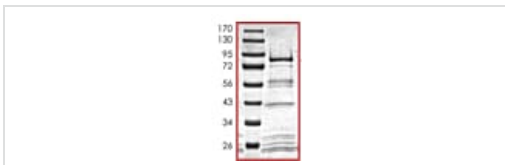
SDS PAGE analysis of ab105911

SDS-PAGE - Recombinant human Cdc25C protein (ab105911)



Phosphatase Assay demonstrating specific activity of ab105911.

Functional Studies - Recombinant human Cdc25C protein (ab105911)



SDS-PAGE showing ab105911 at approximately 84kDa.

SDS-PAGE - Recombinant human Cdc25C protein (ab105911)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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