

## Product datasheet

### Cdc25C peptide ab204870

#### 製品の詳細

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製品名 Cdc25C peptide

精製度 > 95 % HPLC.

Animal free No

由来 Synthetic

配列 CKKLGEDQAEEISDDLLEDSLSEDE

#### 特性

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Our **Abpromise guarantee** covers the use of **ab204870** in the following tested applications.

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

アプリケーション Functional Studies

HPLC

製品の状態 Liquid

備考 ab204870 (Cdc25C peptide) can be utilized as a substrate for the active protein kinase **ab105126** (Active human GRK1 full length protein)

#### 前処理および保存

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保存方法および安定性 Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.

pH: 7.5

See comments

#### 関連情報

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機能 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.

配列類似性 Belongs to the MPI phosphatase family.  
Contains 1 rhodanese domain.

発生段階	Expressed predominantly in G2 phase.
翻訳後修飾	Phosphorylated by CHK1 on Ser-216. This phosphorylation creates a binding site for 14-3-3 protein and inhibits the phosphatase. Phosphorylated by PLK4.
細胞内局在	Nucleus.

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

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