# abcam

## Product datasheet

## Recombinant Human Cdk5 protein (denatured) ab137142

## 1 图像

描述

产品名称 重组人Cdk5蛋白(denatured)

纯**度** > 85 % SDS-PAGE.

表达系统 Escherichia coli

Accession Q00535

**蛋白长度** Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHHSSGLVPRGSHMGSHMQKYEKLEKIGEGTYGTV

**FKAKNRET** 

HEIVALKRVRLDDDDEGVPSSALREICLLKELKHKNIVRLHD

VLHSDKKL

TLVFEFCDQDLKKYFDSCNGDLDPEIVKSFLFQLLKGLGFCH

**SRNVLHRD** 

 $\verb|LKPQNLLINRNGELKLADFGLARAFGIPVRCYSAEVVTLWYR|$ 

PPDVLFGA

KLYSTSIDMWSAGCIFAELANAGRPLFPGNDVDDQLKRIFRL

LGTPTEEQ

WPSMTKLPDYKPYPMYPATTSLVNVVPKLNATGRDLLQNLLK

CNPVQRIS AEEALQHPYFSDFCPP

预测分子量 36 kDa including tags

**氨基酸** 1 to 292

标签 His tag N-Terminus

描述 重组人Cdk5蛋白

技术指标

Our Abpromise quarantee covers the use of ab137142 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

形式 Liquid

1

### 制备和贮存

#### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCI, 10% Glycerol (glycerin, glycerine)

#### 常规信息

功能 Probably involved in the control of the cell cycle. Interacts with D1 and D3-type G1 cyclins. Can

phosphorylate histone H1, tau, MAP2 and NF-H and NF-M. Also interacts with p35 which

activates the kinase.

**序列相似性** Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX

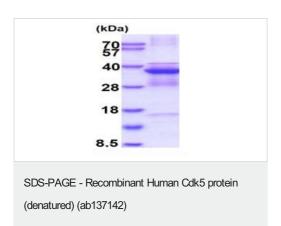
subfamily.

Contains 1 protein kinase domain.

细胞定位 Cytoplasm. Cell projection > lamellipodium. Cell projection > growth cone. In axonal growth cone

with extension to the peripheral lamellipodia.

#### 图片



15% SDS-PAGE analysis of 3 µg ab137142.

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