

Recombinant Human CDK1 protein ab64306

1 图像

描述

| | |
|-----------|---|
| 产品名称 | 重组人CDK1蛋白 |
| 纯度 | > 95 % Densitometry. Affinity purified. |
| 表达系统 | Baculovirus infected Sf9 cells |
| Accession | <u>P06493</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | MEDYTKIEKIGEGTYGVVYKGRHKTTGQVVAMKKIRLESEEE GVPSTAIR EISLLKELRH PNIVSLQDVLQMDSRLYLIFEFLSMDLKKYLDSIPPGQ YMDSSLVKSYLEYQILQGIVFCH SRRVLHRDLKPQNLLIDDKGTIKLAD FGLARAFGIPIRVYTHEVVTLWYRSPEVLLGSAR YSTPVDIWSIGTIF AELATKKPLFHGDSEIDQLFRIFRALGTPNNEVWPEVESLQD YKNT FP KWKPGSLASHVKNLDENGLDLLSKMLIYDPAKRISGKMALNH PYFNDLDN QIKKM |
| 氨基酸 | 1 to 297 |
| 标签 | GST tag N-Terminus |

技术指标

Our **Abpromise guarantee** covers the use of **ab64306** 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 |
| 补充说明 | This protein is inactive. CDK1 is activated by its counterpart Cyclin (eg. Cyclin A). Since CDK1 is not expressed with Cyclin, the protein is inactive |

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: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

常规信息

功能

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.

组织特异性

Isoform 2 is found in breast cancer tissues.

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

Nucleus.

图片



ab64306 on SDS-PAGE, MW 58kDa.

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

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