

Product datasheet

Recombinant human PKN beta protein ab125615

2 图像

概述

产品名称	重组人PKN beta蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Baculovirus infected Sf9 cells

氨基酸序列

Accession	<a href="#">Q6P5Z2</a>
种属	Human
分子量	130 kDa including tags
氨基酸	1 to 889
标签	GST tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab125615** in the following tested applications.

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

生物活性	The specific activity of ab125615 was determined to be 3 nmol/mg/min.
应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	<a href="#">ab204879</a> (RPS6 peptide) 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: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA,
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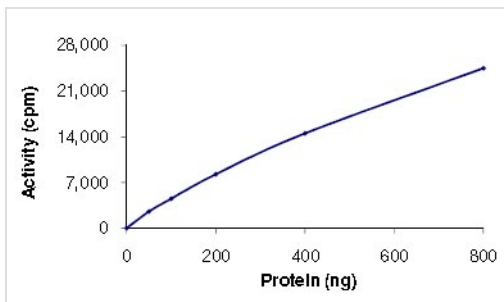
25% Glycerol, 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 常规信息

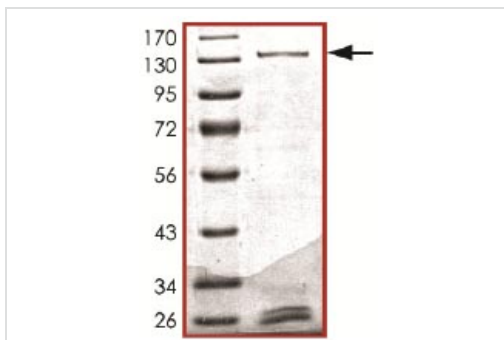
<b>功能</b>	Contributes to invasiveness in malignant prostate cancer.
<b>组织特异性</b>	Expressed in prostate tumors and various cancer cell lines. Not expressed in adult tissues.
<b>序列相似性</b>	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain. Contains 3 REM (Hr1) repeats.
<b>结构域</b>	The C1 domain does not bind the diacylglycerol (DAG).
<b>翻译后修饰</b>	Autophosphorylated.
<b>细胞定位</b>	Nucleus. Cytoplasm > perinuclear region. Nuclear and perinuclear Golgi region.

## 图片



Sample Kinase Assay showing the specific activity of ab125615 as 3 nmol/mg/min.

Functional Studies - PKN beta protein (Active)  
(ab125615)



SDS-PAGE analysis of ab125615.

SDS-PAGE - PKN beta protein (Active) (ab125615)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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