

### Recombinant human RSK4 protein (Active) ab85296

#### 5 图像

#### 描述

产品名称	重组人RSK4蛋白(Active)
生物活性	Specific activity: 540nmol/min/mg.
纯度	> 90 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<b><u>Q9UK32</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
分子量信息	112 kDa by SDS-PAGE
标签	GST tag N-Terminus
额外的序列信息	GenBank: NM_014496

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab85296** in the following tested applications.

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

应用	Western blot Functional Studies
形式	Liquid
补充说明	<b><u>ab204879</u></b> (RPS6 peptide) can be utilized as a substrate for assessing kinase activity

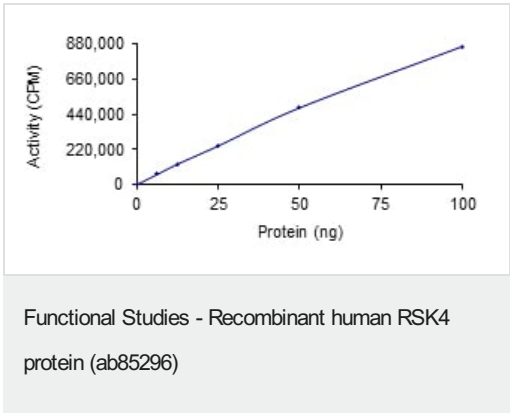
#### 制备和贮存

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: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 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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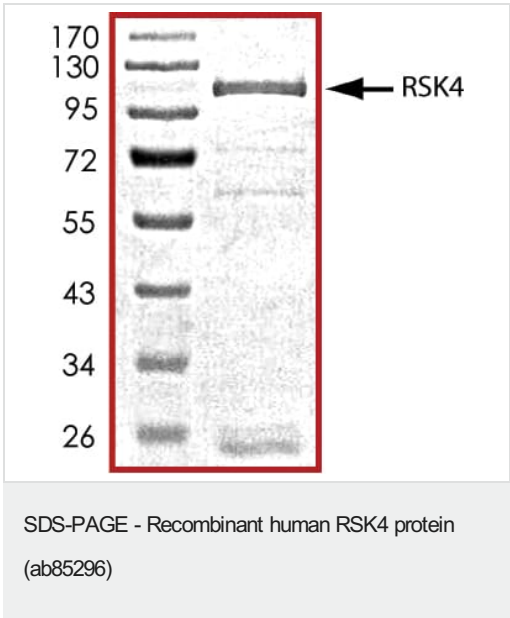
常规信息

功能	Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.
序列相似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 2 protein kinase domains.
翻译后修饰	Autophosphorylated on Ser-389, as part of the activation process.

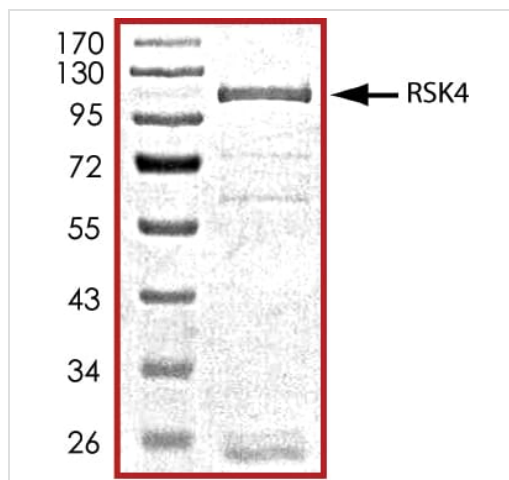
图片



The specific activity of RSK4 (ab85296) was determined to be 556 nmol/min/mg as per activity assay protocol

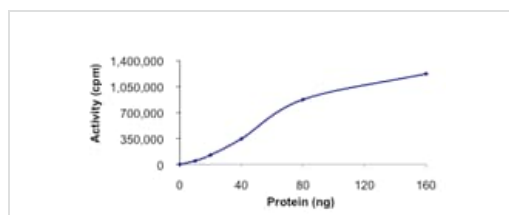


SDS PAGE analysis of ab85296



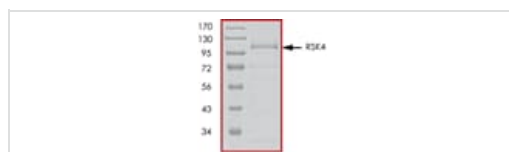
SDS PAGE analysis of ab85296

SDS-PAGE - Recombinant human RSK4 protein  
(ab85296)



Example of specific activity of ab85296

Functional Studies - Recombinant human RSK4  
protein (ab85296)



SDS Page analysis of ab85296

SDS-PAGE - Recombinant human RSK4 protein  
(ab85296)

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