

Recombinant human CAMK1G protein ab101503

2 图像

描述	
产品名称	重组人CAMK1G蛋白
生物活性	The Specific activity of ab101503 was determined to be 820 nmol/min/mg.
纯度	> 85 % Densitometry. The purity was determined to be >85% by densitometry. Affinity purified.
表达系统	Baculovirus infected insect cells
Accession	<u><b>Q96NX5</b></u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	80 kDa including tags
氨基酸	1 to 476

技术指标	
Our <u><b>Abpromise guarantee</b></u> covers the use of <b>ab101503</b> 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 SDS-PAGE
形式	Liquid
补充说明	This product was previously labelled as CaMKI gamma

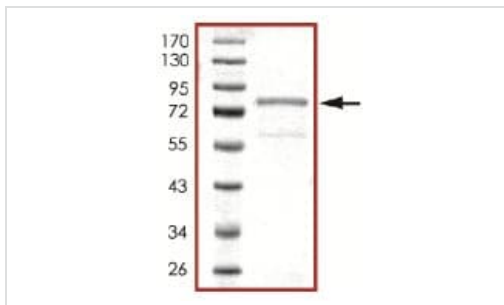
制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride

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

## 常规信息

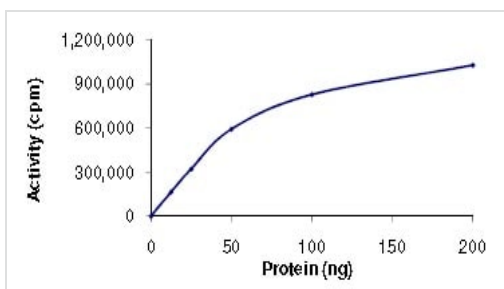
功能	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates transcription factor CREB1.
组织特异性	Mainly expressed in brain with small amounts in skeletal muscles, kidney, spleen and liver. Strongly expressed in forebrain neocortex, striatum and limbic system.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain.
结构域	The autoinhibitory domain overlaps with the calmodulin binding region and interacts in the inactive folded state with the catalytic domain as a pseudosubstrate.
翻译后修饰	May be prenylated on Cys-473.
细胞定位	Cytoplasm. Golgi apparatus membrane. Cell membrane.

## 图片



SDS-PAGE analysis of ab101503.

SDS-PAGE - Recombinant human CAMK1G protein (ab101503)



The Specific activity of ab101503 was determined to be 820 nmol/min/mg.

Functional Studies - Recombinant human CAMK1G protein (ab101503)

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

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