

# Recombinant human NEK6 protein ab60698

## 4 图像

### 描述

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产品名称	重组人NEK6蛋白
纯度	> 90 % SDS-PAGE. Purity: >90% as determined by densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab60698** 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 Functional Studies
形式	Liquid
补充说明	<b>ab64311</b> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

### 制备和贮存

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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: 0.0038% EGTA, 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.
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### 常规信息

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功能	Activated during M phase. Required for chromosome segregation at metaphase-anaphase
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transition and therefore for mitotic progression. Inhibition of activity results in apoptosis.  
Phosphorylates KIF11 to promote mitotic spindle formation.

**组织特异性**

Ubiquitous, with highest expression in heart and skeletal muscle.

**序列相似性**

Belongs to the protein kinase superfamily. NEK Ser/Thr protein kinase family. NIMA subfamily.  
Contains 1 protein kinase domain.

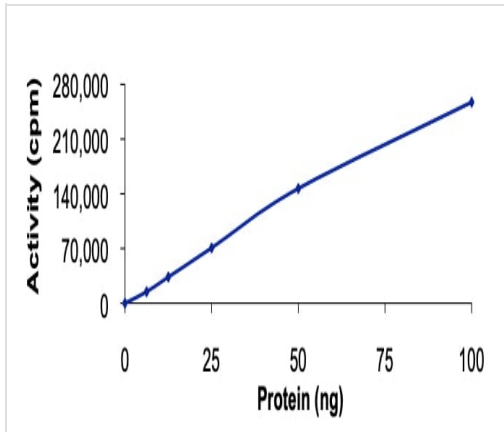
**翻译后修饰**

Autophosphorylated.

**细胞定位**

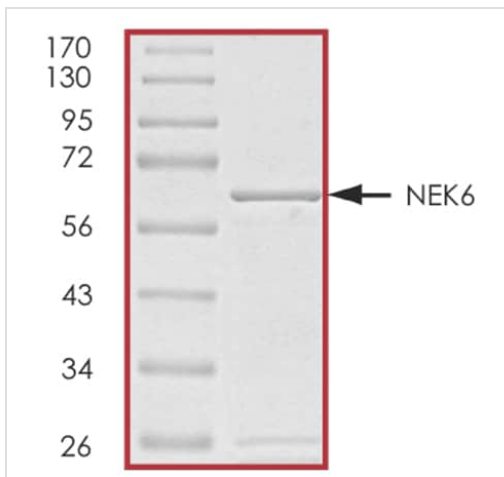
Cytoplasm. Nucleus.

## 图片



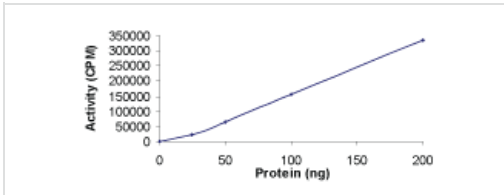
The specific activity of NEK6 (ab60698) was determined to be 121 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human NEK6 protein (ab60698)



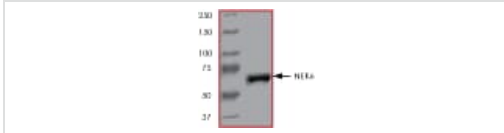
SDS PAGE analysis of ab60698

SDS-PAGE - Recombinant human NEK6 protein (ab60698)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human NEK6 protein (ab60698)



ab60698 on SDS-PAGE, MW ~63kDa.

SDS-PAGE - Recombinant human NEK6 protein (ab60698)

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

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