

# Recombinant Human eIF4EBP1 protein ab89849

## 1 图像

### 描述

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产品名称	重组人eIF4EBP1蛋白
纯度	= 85 % Densitometry.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
标签	His tag N-Terminus

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab89849** 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 Western blot
形式	Liquid

### 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: 7.00 Preservative: 1.02% Imidazole Constituents: 0.00174% PMSF, 0.82% Sodium phosphate, 0.0308% DTT, 25% Glycerol (glycerin, glycerine), 1.74% Sodium chloride
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### 常规信息

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功能	Regulates eIF4E activity by preventing its assembly into the eIF4F complex. Mediates the
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regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase and mTORC1 pathways.

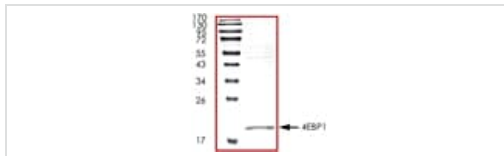
#### 序列相似性

Belongs to the eIF4E-binding protein family.

#### 翻译后修饰

Phosphorylated on serine and threonine residues in response to insulin, EGF and PDGF. Phosphorylation at Thr-37, Thr-46, Ser-65 and Thr-70 is regulated by mTORC1. Phosphorylated upon DNA damage, probably by ATM or ATR.

#### 图片



SDS-PAGE showing ab89849 at approximately 19 kDa.

SDS-PAGE - Recombinant Human eIF4EBP1 protein (ab89849)

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

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