

Product datasheet

Recombinant Human MAF1 protein ab111643

1 图像

概述

产品名称	重组人MAF1蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q9H063](#)

种属 Human

序列 **MGSSHHHHHSSGLVPRGSHMKLLENSSEAINSQLTVETGDAHIIGRIE  
 SYSCKMAGDDKHMFKQFCQEGQPHVLEALSPPQTSGLSPSRLSKSQGGEE  
 EGPLSDKSRKTLFYLIATLNEFRPDYDFSTARSHFESREPSLSWVNA  
 VNCSLFSAVREDFKDLKPQLWNAVDEEICLAECDIYSYNPDLDSDPFGED  
 GSLWSFNFFYFKRLKRIVFFSCRSISGSTYTPSEAGNELDMELGEEVE  
 EESRSRSGAEETSTMEEDRVPVICI**

分子量	31 kDa including tags
氨基酸	1 to 256
标签	His tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab111643** in the following tested applications.

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

应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
纯度	> 90 % SDS-PAGE. ab111643 is purified using conventional chromatography.
形式	Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituent: 10% Glycerol

Note: Contains 90% Tris-HCl buffer.

## 常规信息

### 功能

Element of the mTORC1 signaling pathway that acts as a mediator of diverse signals and that represses RNA polymerase III transcription. Inhibits the de novo assembly of TFIIIB onto DNA.

### 序列相似性

Belongs to the MAF1 family.

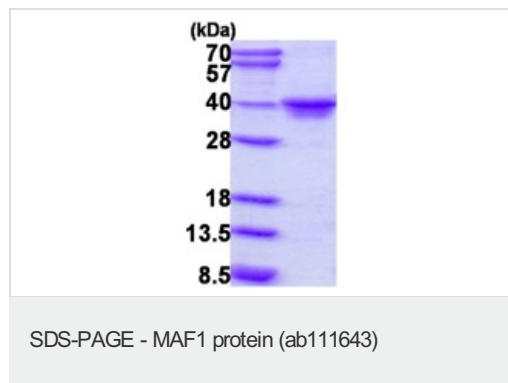
### 翻译后修饰

Phosphorylated at Ser-60, Ser-68 and Ser-75; the major sites of phosphorylation. Nuclear accumulation correlates with a concomitant dephosphorylation. Phosphorylation may attenuate its RNA polymerase III-repressive function.

### 细胞定位

Nucleus. Cytoplasm.

## 图片



15% SDS-PAGE analysis of ab111643 (3 µg).

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