

Product datasheet

Recombinant Human eIF4E protein ab56276

4 References 1 图像

概述

产品名称	重组人eIF4E蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli
氨基酸序列	
种属	Human
分子量	51 kDa including tags
标签	GST tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab56276** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
纯度	> 90 % SDS-PAGE.
形式	Liquid

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. Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
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常规信息

## 功能

Its translation stimulation activity is repressed by binding to the complex CYFIP1-FMR1 (By similarity). Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures. Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit mediates the binding to the mRNA cap.

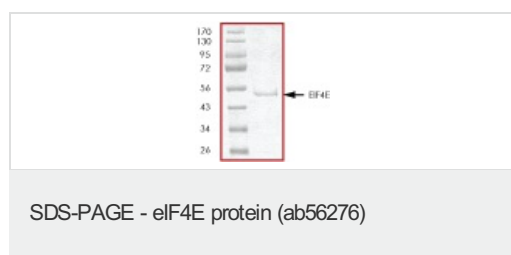
## 序列相似性

Belongs to the eukaryotic initiation factor 4E family.

## 翻译后修饰

Phosphorylation increases the ability of the protein to bind to mRNA caps and to form the eIF4F complex.

## 图片



SDS Page analysis of ab56276

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