

Recombinant Human eIF4EBP1 protein ab89849

1 Image

Description

Product name	Recombinant Human eIF4EBP1 protein
Purity	= 85 % Densitometry.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Tags	His tag N-Terminus

Specifications

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.

Applications	SDS-PAGE
	Functional Studies
	Western blot

Form	Liquid
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Preparation and Storage

Stability and Storage	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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General Info

Function	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.

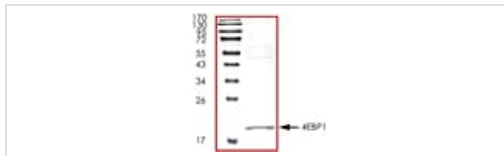
Sequence similarities

Belongs to the eIF4E-binding protein family.

Post-translational modifications

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.

Images



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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