

# Recombinant Human eIF5A protein ab87457

### 1 图像

#### 描述

产品名称	重组人eIF5A蛋白
纯度	> 95 % SDS-PAGE. Purified using conventional chromatography techniques.
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
序列	MADDLDFETG DAGASATFPM QCSALRKNGF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHNMD VPNIKRNDFQ LIGIQDGYLS LLQDSGEVRE DLRLPEGDLG KEIEQKYDCG EEILITVLSA MTEEA AVAIK AMAK

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab87457** 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
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: 7.50 Constituents: 0.79% Tris HCl, 10% Glycerol (glycerin, glycerine)
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#### 常规信息

功能	mRNA-binding protein involved in translation elongation. Has an important function at the level of
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mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. With syntenin SDCBP, functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis. Regulates also TNF-alpha-mediated apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation. Also described as a cellular cofactor of human T-cell leukemia virus type I (HTLV-1) Rex protein and of human immunodeficiency virus type 1 (HIV-1) Rev protein, essential for mRNA export of retroviral transcripts.

**组织特异性**

Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level).

**序列相似性**

Belongs to the eIF-5A family.

**翻译后修饰**

eIF-5A seems to be the only eukaryotic protein to have an hypusine residue which is a post-translational modification of a lysine by the addition of a butylamino group (from spermidine).

**细胞定位**

Cytoplasm. Nucleus. Endoplasmic reticulum membrane. Nucleus > nuclear pore complex. Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions.

**图片**



ab87457 on 15% SDS-PAGE (3µg)

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

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