abcam

Product datasheet

Recombinant Human elF5A 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 MTEEAAVAIK 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 HCI, 10% Glycerol (glycerin, glycerine)

常规信息

功能 mRNA-binding protein involved in translation elongation. Has an important function at the level of

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).

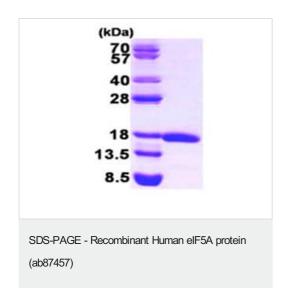
序列相似性 Belongs to the elF-5A family.

翻译后修饰 elF-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)

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