

Recombinant Human eIF5A2 protein ab99140

1 图像

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| 描述 | |
| 产品名称 | 重组人eIF5A2蛋白 |
| 纯度 | >= 85 % SDS-PAGE. ab99140 was purified using conventional chromatography. |
| 表达系统 | Escherichia coli |
| Accession | <u>Q9GZV4</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | MGSSHHHHHHSSGLVPRGSHMADEIDFTTGDAGASSTYPM QCSALRKNGF VVLKGRPCKIVEMSTSKTGKHGHAKVHLVGIDIFTGKKYEDI CPSTHNMD VPNIKRNDYQLICIQDGYLSLLTETGEVREDLKLPEGELGKE IEGKYNAG EDVQVSVMCAMSEEYAVAIKPCK |
| 预测分子量 | 19 kDa including tags |
| 氨基酸 | 1 to 153 |
| 标签 | His tag N-Terminus |
| 技术指标 | |
| Our Abpromise guarantee covers the use of ab99140 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 Mass Spectrometry |
| 质谱法 | MALDI-TOF |
| 形式 | Liquid |
| 制备和贮存 | |
| 稳定性和存储 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw |

cycles.

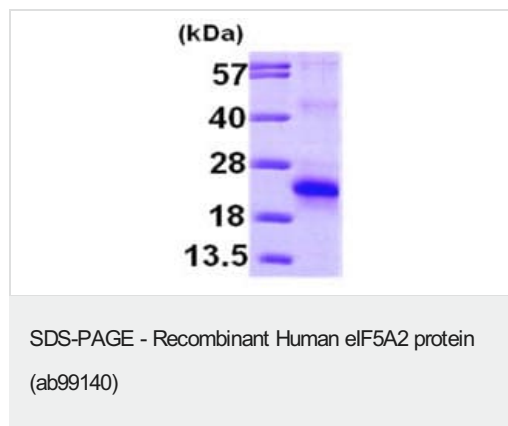
pH: 8.00

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

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| 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. Functions as a regulator of 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. |
| 组织特异性 | Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells. |
| 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



15% SDS-PAGE analysis of 3µg ab99140

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