

## Product datasheet for **AR09149PU-L**

### EIF5A1 (1-154) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	EIF5A1 (1-154) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MADDLDFETG DAGASATFPM QCSALRKNGF VVKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHNMD VPNIKRNDFQ LIGIQDGYLS LLQDSGEVRE DLRLPEGDLG KEIEQKYDCG EEILITVLSA MTEEA AVAIK AMAK
Predicted MW:	16.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 50 mM Tris-HCl buffer pH 7.5 containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human eIF5A protein was expressed in E. coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001137232</a>
Locus ID:	1984
UniProt ID:	<a href="#">P63241</a> , <a href="#">P63241-2</a>
Cytogenetics:	17p13.1
Synonyms:	eIF-4D; EIF-5A; EIF5A1; eIF5A1



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**Summary:**

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.[UniProtKB/Swiss-Prot Function]

**Product images:**