

## Product datasheet for **AR09533PU-N**

### EIF5A2 (1-153, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	EIF5A2 (1-153, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MADEIDFTTG DAGASSTYPM QCSALRKNGF WLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DPCPSTHNMD VPNIKRNDYQ LICIQDGYLS LLTETGEVRE DLKLPEGELG KEIEGKYNAG EDVQVSMCA MSEEYAVAIK PCK
Tag:	His-tag
Predicted MW:	18.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EIF5A2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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:	<u>NP_065123</u>
Locus ID:	56648
UniProt ID:	<u>Q9GZV4</u>
Cytogenetics:	3q26.2
Synonyms:	EIF-5A2; eIF5AII



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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. 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 (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**