

## Product datasheet for **AR09347PU-L**

### EIF1 / SUI1 (1-113, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	EIF1 / SUI1 (1-113, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> <u>GMASMTGGQQ</u> <u>MGRDLYDDDD</u> <u>KDRWAGSMSA</u> IQNLHSFDPF ADASKGDDLL PAGTEDYIHI RIQQRNGRKT LTTVQGIADD YDKKKLVKAF KKKFACNGTV IEHPEYGEVI QLQGDQRKNI CQFLVEIGLA KDDQLKVHGF
Tag:	His-tag
Predicted MW:	16.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 0.1 M NaCl, and 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EIF1 protein, fused to His-tag at N-terminus, 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:	<u>NP_005792</u>
Locus ID:	10209
UniProt ID:	<u>P41567</u> , <u>Q6IAV3</u>
Cytogenetics:	17q21.2
Synonyms:	A121; EIF-1; EIF1A; ISO1; SUI1



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**Summary:**

Necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA.  
[UniProtKB/Swiss-Prot Function]

**Product images:**