

Product datasheet for **AR09347PU-N**

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

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | EIF1 / SUI1 (1-113, His-tag) human recombinant protein, 0.1 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: