

## 32-3726: EIF1 Recombinant Protein

**Alternative Name :** A121, EIF-1, EIF1A, ISO1, SUI1, Eukaryotic translation initiation factor 1, eIF1, Protein translation factor SUI1 homolog, Sui1iso1, EIF1.

### Description

Source : Escherichia Coli. EIF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 150 amino acids (1-113 a.a.) and having a molecular weight of 16.9kDa. The EIF1 is fused to 37 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques. EIF1 is important for scanning and plays a role in initiation site selection. EIF1 promotes the assembly of 48S ribosomal at the authentic initiation codon of a conventional capped mRNA.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The EIF1 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 1mM DTT and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMSA IQNLHSFDPF ADASKGDDL  
PAGTEDYIHI RIQQRNGRKT LTTVQGIADD YDKKKLVKAF KKKFACNGTV IEHPEYGEVI QLQGDQRKNI  
CQFLVEIGLA KDDQLKVHGF.

