

Eukaryotic Translation Initiation Factor 1 Human Recombinant

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| Item Number | rAP-3261 |
| Synonyms | A121, EIF-1, EIF1A, ISO1, SUI1, Eukaryotic translation initiation factor 1, eIF1, Protein translation factor SUI1 homolog, Sui1iso1, EIF1. |
| Description | 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. |
| Uniprot Accession Number | P41567 |
| Amino Acid Sequence | MRGSHHHHHH GMASMTGGGQQ MGRDLYDDDD KDRWAGSMSA IQNLHSFDPF ADASKGDDLL PAG-TEDYIHI RIQQRNGRKT LTTVQGIADD YDKKKLVKAF KKKFACNGTV IEHPEYGEVI QLQGDQRKNI CQFLVEIGLA KDDQLKVHGF. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. 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. |
| Formulation and Purity | The EIF1 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**