

Ribosomal Protein S14 Human Recombinant

Item Number	rAP-4678
Synonyms	40S ribosomal protein S14, RPS14, S14, EMTB.
Description	RPS14 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 174 amino acids (1-151 a.a.) and having a molecular mass of 18.7kDa. The RPS14 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P62263
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPRK GK EKKEEQVISL GPQVAEGENV FGVCHIFASF NDTFVHVTDL SGKETICRVT GGMKV KADRD ESSPYAAML A AQDVAQRCKE LGITALHIKL RATGG- NRTKT PGPGAQSALR ALARSGMKIG RIEDVTPIPS DSTRKGGRR GRRL.
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 RPS14 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 100mM NaCl. Greater than 80.0% 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**