

## Ribosomal Protein S5 Human Recombinant

<b>Item Number</b>	rAP-4682
<b>Synonyms</b>	40S ribosomal protein S5, S5, RPS5.
<b>Description</b>	RPS5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-204 a.a.) and having a molecular mass of 25.3kDa.RPS5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P46782
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMTIEWETA APAVAETPDI KLFQKWTDD VQINDISLQD YIAVKEYAK YLPHSAGRYA AKRFRKAQCP IVERLTNSMM MHGRNNGKKL MTRVIRKHAF EIIHLLTGEN PLQVLVNAII NSGPREDSTR IGRAGTVRRQ AVDVSPLRV NQAIWLLCTG AREAAFRNIK TIAECLADEL INAAKGSSNS YAIKKKDELE RVAKSNR.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	RPS5 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**