

---

## Product Data Sheet

---

Product Name: RPS13 Human  
 Cat. No.: GP24435  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	40S ribosomal protein S13; RPS13; S13; ribosomal protein S13.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGRMHAP GKGLSQSALP YRRSVPTWLK LTSDDVKEQI YKLAKKGLTP SQIGVILRDS HGVAQVRFVT GNKILRILKS KGLAPDLPED LYHLIKKAVA VRKHLERNRK DKDAKFRLIL IESRIHRLAR YYKTKRVLPP NWKYESSTAS ALVA.		
Formulation	RPS13 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.		

### Introduction

40S ribosomal protein S13 (RPS13), is a member of the ribosomal protein S15P family. Ribosomes are the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. RPS13 is located in the cytoplasm and contains multiple phosphorylated residues. Similar to other ribosomal proteins, Ribosomal Protein S13 exists as multiple processed pseudogenes which are scattered throughout the genome.

### Stability

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.

### Background

RPS13 Human Recombinant 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 19.6kDa. RPS13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---