

---

## Product Data Sheet

---

Product Name: RPL12 Human  
 Cat. No.: GP22232  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ribosomal Protein L12; L12; 60S ribosomal protein L12.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSMPKFDPNKVVYLRC TGGEVGATSA LAPKIGPLGL SPKKVGDDIA KATGDWKGLR ITVKLTIQNR QAQIEVVPSASALIKALKE PPRDRKKQKN IKHSGNITFD EIVNIARQMR HRSLARELSG TIKEILGTAQ SVGCNVDGRHPHDIIDDINS GAVECPAS.		
Formulation	RPL12protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15MNaCl, 20% glycerol and 1mM DTT.		

### Introduction

Ribosomes, the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are comprised of four RNA species and approximately 80 structurally distinct proteins. Ribosomal Protein L12 (RPL12) protein is a member of the L11P family of ribosomal proteins. RPL12 is a component of the 60S subunit, which is located in the cytoplasm. RPL12 binds directly to the 26S rRNA.

### 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

RPL12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 188 amino acids (1-165 a.a) and having a molecular mass of 20.2kDa. RPL12 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

---

## Product Data Sheet

---

***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***