
Product Data Sheet

Product Name: RPL34 Human
 Cat. No.: GP24420
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ribosomal Protein L34; 60S Ribosomal Protein L34; Leukemia-Associated Protein; L34.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMVQRLTY RRRLSYNTAS NKTRLSRTPG NRIVYLYTKK VGKAPKSACG VCPGRLRGVR AVRPKVLMRL SKTKKHVSRA YGGSMAKCV RDRIKRAFLI EEQKIVVKVL KAQAQSQKAK		
Formulation	The RPL34 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Ribosomes, the organelles which catalyze protein synthesis, contain a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and nearly 80 structurally different proteins. RPL34 is a member of the L34E family of ribosomal proteins and it encodes a ribosomal protein which is a component of the 60S subunit. RPL34 is found in the cytoplasm and has been mapped to 4q though it was initially believed it is located at 17q21. Transcript variants which are a result of alternative splicing, alternative transcription initiation sites, and/or alternative polyadenylation exist; all encode the same protein. As is typical for genes encoding ribosomal proteins, there are several processed pseudogenes of this gene spread all over 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

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

RPL34 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-117) and having a molecular mass of 15.7kDa. RPL34 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