
Product Data Sheet

Product Name: RPL11 Human
 Cat. No.: GP24413
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ribosomal Protein L11; Cell Growth-Inhibiting Protein 34; CLL-Associated Antigen KW-12; 60S Ribosomal Protein L11; DBA7; GIG34; L11.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAQDQGE KENPMRELRI RKLCLNICVG ESGDRLTRAA KVLEQLTGQT PVFSKARYTV RSFGIRRNEK IAVHCTVRGA KAEIILEKGL KVREYELRKN NFSDTGNFGF GIQEHIDLGI KYDPSIGIYG LDFYVVLGRP GFSIADKKRR TGCIGAKHRI SKEEAMRWFQ QKYDGIILPG K		
Formulation	The RPL11 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 1mM DTT, 2mM EDTA, 250mM Imidazole and 50% glycerol.		

Introduction

Ribosomes are the organelles which catalyze protein synthesis, they are comprised of a small 40S subunit and a large 60S subunit. Ribosomal Protein L11 (RPL11) is a member of the L5P family of ribosomal proteins. RPL11 is a ribosomal protein which is a component of the 60S subunit. RPL11 is found in the cytoplasm. The RPL11 protein most likely associates with the 5S 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

RPL11 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 201 amino acids (1-178) and having a molecular mass of 22.6kDa. RPL11 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.

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