
Product Data Sheet

Product Name: RPL18A Human
 Cat. No.: GP24414
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ribosomal Protein L18a; Ribosomal Protein L18a-Like Protein; 60S Ribosomal Protein L18a; L18A; RPL18A.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMKASGTL REYKVVGRCL PTPKCHTPPL YRMRIFAPNH VVAKSRFWYF VSQ LKKMKKS SGEIVYCGQV FEKSPLRVKN FGIWLRYSR SGTNMYREY RDLTTAGAVT QCYRDMGARH RARAHSIQIM KVEEIAASKC RRPVAKQFHD SKIKFPLPHR VLRRQHKPRF TTKRPNTFF.		
Formulation	The RPL18A solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Ribosomal Protein L18A (RPL18A) is a ribosomal protein which is a component of the 60S subunit, belongs to the L18AE family of ribosomal proteins. RPL18A is located in the cytoplasm. RPL18A is co-transcribed with the U68 snoRNA, which is located in its 3rd intron. The RPL18A protein may play a role in viral replication by interacting with the hepatitis C virus internal ribosome entry site (IRES).

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

RPL18A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 199 amino acids (1-176) and having a molecular mass of 23.2 kDa. RPL18A 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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