
Product Data Sheet

Product Name: RPL7A Human
 Cat. No.: GP24411
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	60S ribosomal protein L7a; L7A; SURF3; TRUP; PLA-Xpolypeptide; Surfeit locus protein 3; SURF-3.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSMPKGKKAKGKKVAPAPA VVKKQEAKKV VNPLFEKRPK NFGIGQDIQP KRDLTRFVKW PRYIRLQRQR AILYKRLKVPPAINQFTQAL DRQTATQLLK LAHKYRPETK QEKKQRLLAR AEKKAAGKGD VPTKRPPVLR AGVNTVTTLVENKKAQLVVI AHDVDPIELV VFLPALCRKM GVPYCIKGGK ARLGRLVHRK TCTTVAFTQV NSEDKGALAKLVEAIRTNYN DRYDEIRRHW GGNVLGPKSV ARIAKLEKAK AKELATKLG.		
Formulation	RPL7A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

Introduction

Ribosomal Protein L7A (RPL7A) is a ribosomal protein which is a component of the 60S subunit. RPL7A protein is a member of the L7AE family of ribosomal proteins. RPL7A interacts with a subclass of nuclear hormone receptors, including thyroid hormone receptor, and hinder their ability to transactivate by inhibiting their binding to their DNA response elements.

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

RPL7A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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chain containing 289 amino acids (1-266 a.a) and having a molecular mass of 32.4kDa. RPL7A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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