
Product Data Sheet

Product Name: RPS12 Human
 Cat. No.: GP24434
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	800x600 S12; 40S ribosomalprotein S12.		
Amino Acid Sequence	800x600 MGSSHHHHHH SSGLVPRGSH MGSM AEEGIA AGGVMDVNTA LQEV LKTALI HDGLARGIRE AAKALDKRQAHL CVLASNCD EPMYVKLVEA LCAEHQINLI KVDDNKKLGE WVGLCKIDRE GKPRKVVGCS CVVVKDYGKESQAKDVIEEY FKCKK.		
Formulation	800x600 RPS12 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, and 30% glycerol.		

Introduction

RPS12 is a ribosomal protein which is a part of the 40S subunit. RPS12 is a member of the S12E family of ribosomal proteins. RPS12 is located in the cytoplasm. RPS12 proteins exist as multiple processed pseudogenes which are scattered throughout 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

800x600 RPS12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 155 amino acids (1-132 a.a.) and having a molecular mass of 16.9kDa. RPS12 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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