
Product Data Sheet

Product Name: MRPS25 Human

Cat. No.: GP23960

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Mitochondrial Ribosomal Protein S25; Mitochondrial 28S Ribosomal Protein S25; 28S Ribosomal Protein S25 Mitochondrial; MRP-S25; RPMS25; S25mt.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPMKGRF PIRRTLQYLS QGNVVKDSV KVMTVNYNTH GELGEGARKF VFFNIPQIQY KNPWVQIMMF KNMTPSPFLR FYLDSEGEQVL VDVETKSNKE IMEHIRKILG KNEETLREEE EEKKQLSHPA NFGPRKYCLR ECICEVEGQV PCPSLVPLPK EMRGKYKAAL KADAQD		
Formulation	The MRPS25 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

MRPS25, a 28S subunit protein, is a member of the ribosomal protein S5P family. An equivalent pseudogene is located on chromosome 4.

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

MRPS25 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (1-173) and having a molecular mass of 22.5kDa. MRPS25 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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