
Product Data Sheet

Product Name: MRPS28 Human

Cat. No.: GP23961

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Mitochondrial Ribosomal Protein S28; MRPS35; 28S Ribosomal Protein S35; Mitochondrial; MRP-S28; MRP-S35; S28mt; S35mt; 28S Ribosomal Protein S28; Mitochondrial; Mitochondrial 28S Ribosomal Protein S35; HSPC007.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGS GSPKNVE SFASMLRHSP LTQMGP AKDK LVIGRIFHIV ENDLYIDFGG KFHCVCRRPE VDGEKYQKGT RVRLRLLDLE LTSRFLGATT DTTVLEANAV LLGIQESKDS RSKEEHHEK.		
Formulation	MRPS28 protein solution (0.25mg/ml) containing 20mM Phosphate buffer saline (pH 8.0), 20% glycerol and 1mM DTT.		

Introduction

Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. Mitochondrial Ribosomal Protein S28, also known as MRPS28, is a protein coding gene which encodes a 28S subunit protein which is known as mitochondrial ribosomal protein S35.

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

MRPS28 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 139 amino acids (72-187a.a) and having a molecular mass of 15.5kDa. MRPS28 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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