9051 Mira Mesa Blvd, #910094
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UTP23 Human

UTP23, Small Subunit Processome Component Human Recombinant RCP2529

Product Overview

Name	UTP23 Human

Description

UTP23, Small Subunit Processome Component Human Recombinant

Accession (Primary)	Q9BRU9

Synonyms

UTP23 Small Subunit (SSU) Processome Component, Homolog (Yeast), Chromosome 8 Open Reading Frame 53, RRNA-Processing Protein UTP23 Homolog, MGC14595, C8orf53.

Introduction

rRNA-processing protein UTP23 homolog (UTP23) is a small subunit (SSU) processome component. The SSU processome is a complex involved in ribosome biogenesis and essential for pre-18S rRNA maturation. UTP23 is vital for the first 3 cleavage steps in 18S rRNA maturation. Furthermore, single-point mutations in the conserved putative active site of Utp24 but not Utp23 annul its function in ribosome biogenesis.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The UTP23 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 1mM DTT and 20% glycerol.

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MKITRQK HAKKHLGFFR NNFGVREPYQ ILLDGTFCQA ALRGRIQLRE QLPRYLMGET QLCTTRCVLK ELETLGKDLY GAKLIAQKCQ VRNCPHFKNA VSGSECLLSM VEEGNPHHYF VATQDQNLSV KVKKKPGVPL MFIIQNTMVL DKPSPKTIAF VKAVESGQLV SVHEKESIKH LKEEQGLVKN TEQSRRKKRK KISGPNPLSC LKKKKKAPDT QSSASEKKRK RKRIRNRSNP KVLSEKQNAE GE

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Precautions

UTP23 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BRU9)