

32-5205: Recombinant Human UTP23, Small Subunit Processome Component

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

Description

Source : E.coli. UTP23 Human Recombinant produced in E. coli is a single polypeptide chain containing 272 amino acids (1-249) and having a molecular mass of 30.8 kDa. UTP23 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg

Purification : Greater than 90% as determined by SDS-PAGE.

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

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMKTRQK HAKKHLGFFR NNFGVREPYQ ILLDGTFCQA ALRGRIQLRE QLPRLMGET QLCTTRCVLK ELETGKDLY GAKLIAQKCQ VRNCPHFKN VSGSECLLSM VEEGNPHHYF VATQDQNLVS KVKKKPGVPL MFIIQNTMVL DKPSPKTIAF VKAVESGQLV SVHEKESIKH LKEEQGLVKN TEQSRRKKRK KISGPNPLSC LKKKKKAPDT QSSASEKKRK RKRIRNRSNP KVLSEKQNAE GE

