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UTP23, 1-249aa, Human, His tag, E.coli

产品货号: TP04447

第三版

别名:rRNA-processing protein UTP23 homolog, C8orf53

描述:rRNA-processing protein UTP23 homolog, also known as UTP23, is a small subunit (SSU) processome component. The SSU processome is a complex involved in ribosome biogenesis and is required for pre-18S rRNA maturation. UTP23 is required for the first three cleavage steps in 18S rRNA maturation. In addition, single-point mutations in the conserved putative active site of Utp24 but not Utp23 abrogate its function in ribosome biogenesis. Recombinant human UTP23 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

分子量:30.8 kDa (272aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHSSGLVPRGSHMGSMKITRQKHAKKHLGFFRNNFGVREPYQILLDGTFCQAALRGRIQLREQLPRYLMG  
ETQLCTTRCVLKELETLGKDLYGAKLIAQKCQVRNCPHFKNVAVSGSECLLSMVEEGNPHHYFVATQDQNLVSVKVKKKPG  
VPLMFIIQNTMVLDPKSPKTIKAVESGQLVSVHEKESIKHLKEEQGLVKNTEQSRRKKRKKISGPNPLSCLKVKKKKAPD  
TQSSASEKKRKRKRIRNRSNPKVLSEKQNAEGE
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纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.