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MRPS23, 1-190 aa Human, His tag, E.coli

产品货号: TP03027

第三版

别名:28S ribosomal protein S23, mitochondrial, CGI-138, HSPC329, MRP-S23

**描述:**Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. MRPS23 encodes a 28S subunit protein. Recombinant human MRPS23 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In Phosphate buffer saline(pH 7.4) containing 10% glycerol,

**分子量:**24.2 kDa (213aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMAGSRLETVGSIFSRTRDLVRAGVLKEKPLWFDVYDAFPPLREPVFQRPRVRYGKA  
KAPIQDIWYHEDRIRAKFYSVYGSQRAFDFLNPFPKSTCQRFVEKYTELQKLGETDEEKLFVETGKALLAEGVILRRVGEA  
RTQHGGSHVSRKSEHLSVRPQTALEENETQKEVPQDQHLEAPADQSKGLLPP

**纯度:**> 95% by HPLC

**浓度:**1mg/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.