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MRPS2, 1-296aa, Human, His tag, E.coli

产品货号: TP03026

第三版

别名: Mitochondrial ribosomal protein S2, CGI-91, MRP-S2, S2mt

**描述:** Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) 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. MRPS2 is a 28S subunit protein that belongs to the ribosomal protein S2 family. Recombinant human MRPS2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

**分子量:** 35.6 kDa (319aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMATSSAALPRILGAGARAPSRWLGFLGKATPRPARPSRRTLGSATALMIRESEDSTDF  
NDKILNEPLKHSDFNFVKELFSVRSLFDARVHLGHKAGCRHRFMPEYIFGSRLDHDIIDLEQTATHLQLALNFTAHMAYRK  
GIILFISRNRQFSYLIENMARDCEYAHTRYFRGGMLTNARLLFGPTVRLPDLIIFLHTLNNIFEPHVAVRDAAKMNIPTVGI  
VDTNCNPCLITYPVPGNDDSP LAVHLYCRLFQTAITRAKEKRQQVEALYRLQGQKEPGDQGPAHPPGADM SHSL

**纯度:** > 95% by HPLC

**浓度:** 1 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.