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RPS2, 1-293aa, Human, His tag, E.coli

产品货号: TP03792

第三版

别名:40S ribosomal protein S2, Ribosomal protein S2, LLREP3, S2

描述:Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS2 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. Recombinant human RPS2 protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:33.7 kDa (316aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMADDAGAAGGPGGPGMGNRGGFRGGFGSGIRGRGRGRGRGRGRGRGARG
GKAEDKEWMPVTKLGRVLKDMIKSLEEIYLFSLPIKESEIIDFFLGASLKDEVLKIMPVQKQTRAGQRTRFKAFVAIGDYN
GHVGLGVKCSKEVATAIRGAILAKLSIVPVRRGYWGNKIGKPHTVPCKVTGRCGSVLVRLIPAPRGTGIVSAPVPKLLM
MAGIDDCYTSARGCTATLGNFAKATFDAISKYSYLTPLWKETVFTKSPYQEFTDHLVKTHTRVSVQRTQAPAVATT

纯度:> 95% by HPLC

浓度:1.0 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.