

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SNRPA1, 1-255aa, Human, His tag E.coli

产品货号: TP03985

第三版

**别名:**U2 small nuclear ribonucleoprotein A, Lea1, small nuclear ribonucleoprotein polypeptide A

**描述:**SNRPA1, also known as U2 small nuclear ribonucleoprotein A, is a component of the U2 snRNP that forms a complex with U2 snRNP B (U2B). Together, U2 snRNP A and U2 snRNP B form a complex that binds to the U2 snRNA hairpin IV. The configuration of this U2 snRNP A/U2 snRNP B dimer and the subtle variations of a few key residues regulate the snRNP-RNA-binding specificity. U2 snRNP A is a 255 amino acid protein, and two isoforms exist as a result of alternative splicing events. Recombinant human SNRPA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.2M NaCl, 2mM DTT, 0.1mM PMSF

**分子量:**30.5 kDa(275aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMVKLTAEIEQAAQYTNVDRRELDLRGYKIPVIENLGATLDQFDAIDFSDNEIRKLDGF  
PLLRRLKTLVNNNRICRIGEGLDQALPCLTELILTNNLSVELGDLPLASLKSILTYLSILRNPVTNKKHYRLYVIYKVPQVRV  
LDFQKVKLKERQEAEMFKGKRGALAKDIARRSKTFNPGAGLPTDKKGGPSPGDVEAIKNAIANASTLAEVERLKGLL  
QSGQIPGRERRSGPTDDGEEEMEEDTVTNGS

**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.