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SNRPF, 1-86aa, Human, His tag, E.coli

产品货号: TP03991

第三版

**别名:** Small nuclear ribonucleoprotein polypeptide F, Sm-F, SMF, PBSCF

**描述:** Small nuclear ribonucleoprotein polypeptide F, also known SNRPF, belongs to the snRNP Sm proteins family. There are at least seven isoforms, E, F, G, D1, D2, D3 and B/B. This class of common proteins plays an essential role in the biogenesis of the snRNPs. In addition, these proteins represent the major targets for the so-called anti-Sm auto-antibodies which are diagnostic for systemic lupus erythematosus (SLE). SNRPF aid in the cytoplasmic construction of the UsnRNPs by binding to a conserved Sm site on UsnRNA and forming a stable snRNP core complex. Recombinant human SNRPF 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 1mM DTT, 10% glycerol, 1mM EDTA

**分子量:** 11.8 kDa (106aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMSLPLNPKPFLNGLTGKPMVKLKWGMEYKGYLVSDGYMNMQLANTEEYIDGALSG  
HLGEVLIRCNNVLYIRGVVEEEEEDGEMRE

**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.