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SNRPG, 1-76aa, Human, His tag, E.coli

产品货号: TP03992

第三版

别名: Small nuclear ribonucleoprotein polypeptide G, Sm-G, SMG

描述: Small nuclear ribonucleoprotein polypeptide G, also known as SNRPG, belongs to the snRNP Sm proteins family. There are at least seven isoforms, B/B, E, F, G, D1, D2, and D3. This class of common proteins plays an essential role in the biogenesis of the snRNPs. The genes encoding human Sm G map to chromosomes 2. In addition, these proteins represent the major targets for the so-called anti-Sm auto-antibodies which are diagnostic for systemic lupus erythematosus (SLE). One class of these autoantibodies reacts specifically with native Sm E-F-G complexes. Recombinant human SNRPG 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, 50% glycerol, 0.1M NaCl

分子量: 10.6 kDa (96aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSKAHPPPELKKFMDKLSLKLNGGRHVQGILRGFDPFMNLVIDECVEMATSGQQNNIG
MVVIRGNSIIMLEALERV

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.