

## Small Nuclear Ribonucleoprotein Polypeptide G Human Recombinant

Item Number	rAP-4826
Synonyms	Small nuclear ribonucleoprotein G, snRNP-G, Sm protein G, Sm-G, SmG, SNRPG, PBSCG, MGC117317.
Description	SNRPG Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 96 amino acids (1-76 a.a.) and having a molecular mass of 10.6kDa. The SNRPG is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P62308
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSAHPPELK KFMDKKLSLK LNGGRHVQGI LRGFDPFMNL VIDECVEMAT SGQQNNIGMV VIRGNSIIML EALERV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The SNRPG solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**