

32-4909: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptide G

Alternative Name : Small nuclear ribonucleoprotein G,snRNP-G,Sm protein G,Sm-G,SmG,SNRPG,PBSCG,MGC117317.

Description

Source : Escherichia Coli. 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. Small nuclear ribonucleoprotein polypeptide G (SNRPG) is a member of the snRNP Sm proteins family. There are at least 7 isoforms, B/B, E, F, G, D1, D2, and D3. This class of common proteins has a vital role in the biogenesis of the snRNPs. The human Sm G genes are mapped to chromosomes 2. Furthermore, these proteins represent the major targets for the supposed anti-Sm auto-antibodies which are diagnostic for SLE (systemic lupus erythematosus). One class of these autoantibodies reacts specifically with native Sm E-F-G complexes.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The SNRPG solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSKAHPPELK KFMDKKLSLK LNGGRHVQGI LRGFDPFMNL VIDECVEMAT SGQQNIGMV VIRGNSIIML EALERV.