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32-4908: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptide F

Alternative Name : Sm-F,Sm protein F,snRNP-F,SMF,PBSCF,Small Nuclear Ribonucleoprotein Polypeptide F.

Description

Source : Escherichia Coli. SNRPF produced in E.Coli is a single, non-glycosylated polypeptide chain containing 106 amino acids (1-86a.a.) and having a molecular mass of 11.8kDa.SNRPF is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SNRPF is a member of the snRNP Sm proteins family. There are at least seven isoforms, E, F, G, D1, D2, D3 and B/B. This type of common proteins have a crucial part in the biogenesis of the snRNPs. Moreover, they represent the major targets for the so-called anti-Sm auto-antibodies that are diagnostic for systemic lupus erythematosus (SLE). SNRPF assist in the cytoplasmic construction of the UsnRNPs by binding to aconserved Sm site on UsnRNA and forming a stable snRNP core complex.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The SNRPF protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 1mM EDTA , and 10% glycerol.
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).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSLPLNPKPF LNGLTGKPVM VKLKWGMEYK GYLVSVDGYM NMQLANTEEY IDGALSGHLG EVLIRCNNVL YIRGVEEEEE DGEMRE