

Product information

SNRPF, 1- 86 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0820

Full name: Small nuclear ribonucleoprotein polypeptide F

NCBI Accession No.: NP_003086

Synonyms: Sm-F, SMF, PBSCF

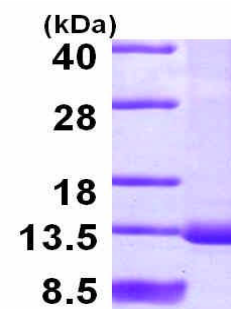
Description: Small nuclear ribonucleoprotein polypeptide F, also known SNRPF, belongs to the snRNP Sm proteins family. There are at least seven isoforms, E, F, G, D1, D2, D3 and B/B. This class of common proteins plays an essential role in the biogenesis of the snRNPs. In addition, these proteins represent 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.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 1mM EDTA

Molecular Weight: 11.8 kDa (106aa), confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MSLPLNPKPF LNGLTGKPVV VKLKWGMEYK GYLVSVQGYM NMQLANTEEY IDGALSGHLG EVLIRCNVNL YIRGVVEEEE DGEMRE

General references:

Brahms H., *et al.* (1997) *Arthritis Rheum.* 40:372-682.

Raker V A., *et al.* (1996) *EMBO J.* 15:2256-2269.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.