

Recombinant Human SNRPF, His-tagged

Cat. No. SNRPF-3366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SNRPF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 11.8 kDa (106aa).
Species	Human
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 1mM EDTA.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SGLVPRGSH MSLPLNPKPF LNGLTGKPVM VKLKWGMEYKG Y LVSVDGYM NMQLANTEEYIDGALSGHLG EVLIRCNNVLYIRGVVEEEEDGE M R E .

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.
Pathways	Spliceosome; Gene Expression; Metabolism of RNA; Transcription; mRNA Processing
GENE INFORMATION	
Gene Name	SNRPF small nuclear ribonucleoprotein polypeptide F [Homo sapiens]
Synonyms	small nuclear ribonucleoprotein polypeptide F; SMF; Sm-F; SNRPF; snRNP-F; sm protein F; Sm protein F; small nuclear ribonucleoprotein F; PBSCF
Gene ID	6636
mRNA Refseq	NM_003095
Protein Refseq	NP_003086
MIM	603541
UniProt ID	P62306
Chromosome Location	12q23.1
Function	protein binding; RNA binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA