

## Recombinant Human SNRPF, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 1mM EDTA.
<b>Purity</b>	> 95% by SDS - PAGE.
<b>Concentration</b>	1 mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SGLVPRGSH MSLPLNPKPF LNGLTGKPVM VKLKWGMEYKG Y LVSDGYM NMQLANTEEYIDGALSGHLG EVLIRCNNVLYIRGVEEEEEDGE M R E .

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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

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