

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606

techsupport@origene.com

## OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

## AR09760PU-N Human snRNP-F / Sm-F (1-86, His-tag) - Purified

Alternate names: PBSCF, SNRPF, Sm protein F, Small nuclear ribonucleoprotein F

Quantity: 0.1 mg

**Concentration:** 1.0 mg/ml (determined by Bradford assay)

Background: 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 aconserved

Sm site on UsnRNA and forming a stable snRNP core complex.

Uniprot ID: P62306

NCBI: NP 003086

GenelD: 6636
Species: Human
Source: E. coli

Format: State: Liquid purified protein

Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 1mM

EDTA

**Description:** Recombinant human SNRPF protein, fused to His-tag at N-terminus, was expressed in

E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSLPLNPKPF LNGLTGKPVM VKLKWGMEYK GYLVSVDGYM

NMQLANTEEY IDGALSGHLG EVLIRCNNVL YIRGVEEEEE DGEMRE **Molecular weight:** 11.8 kDa (106aa), confirmed by MALDI-TOF

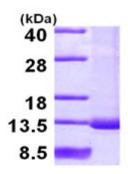
Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for

longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

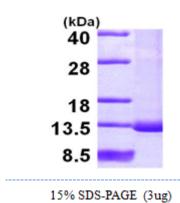


**Pictures:** 



15% SDS-PAGE (3ug)

Recombinant human SNRPF, 1-86 aa, Histagged



For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.