

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

Uniprot ID:

[P62306](#)

NCBI:

[NP_003086](#)

GeneID:

[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 LNGLTGKPVV VKLKWGMEYK GYLVSVDGYM
NMQLANTEEY IDGALSGHLG EVLIRCNNVL YIRGVVEEEE DGEMRE

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

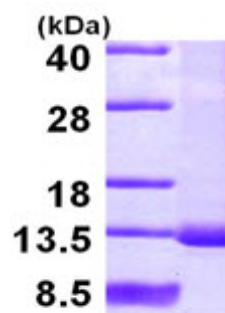
Storage:

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.

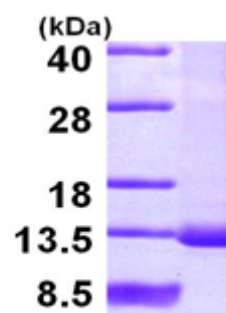
Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human SNRPF, 1- 86 aa, His-tagged



15% SDS-PAGE (3ug)