

Product datasheet for **TP300416L**

SNRPF (NM_003095) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human small nuclear ribonucleoprotein polypeptide F (SNRPF), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200416 protein sequence Red =Cloning site Green =Tags(s)
	 MSLPLNPKPFLNGLTGKPVVMVKLKWGMEYKGYLVSDGYMNMQLANTEEYIDGALSGHLGEVLIRCNNVL YIRGVEEEEEDGEMRE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003086
Locus ID:	6636
UniProt ID:	P62306
RefSeq Size:	806
Cytogenetics:	12q23.1



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RefSeq ORF: 258

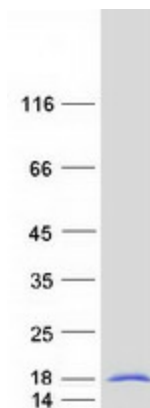
Synonyms: Sm-F; SMF; snRNP-F

Summary: Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed:11991638, PubMed:18984161, PubMed:19325628, PubMed:23333303, PubMed:25555158, PubMed:26912367, PubMed:28502770, PubMed:28781166, PubMed:28076346). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346). Is also a component of the minor U12 spliceosome (PubMed:15146077). As part of the U7 snRNP it is involved in histone 3'-end processing (PubMed:12975319). [UniProtKB/Swiss-Prot Function]

Protein Families: Stem cell - Pluripotency

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified SNRPF protein (Cat# [TP300416]). The protein was produced from HEK293T cells transfected with SNRPF cDNA clone (Cat# [RC200416]) using MegaTran 2.0 (Cat# [TT210002]).