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Product datasheet for AR09760PU-L

snRNP-F / Sm-F (1-86, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	snRNP-F / Sm-F (1-86, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSLPLNPKPF LNGLTGKPVM VKLKWGMEYK GYLVSVDGYM NMQLANTEEY IDGALSGHLG EVLIRCNNVL YIRGVEEEEE DGEMRE
Tag:	His-tag
Predicted MW:	11.8 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SNRPF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_003086
Locus ID:	6636
UniProt ID:	P62306
Cytogenetics:	12q23.1
Synonyms:	Sm-F; SMF; snRNP-F

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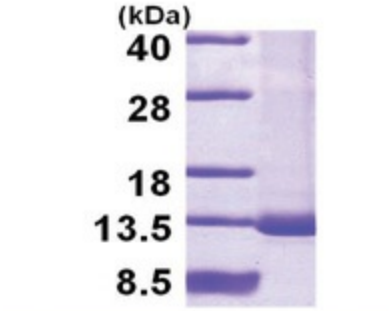
Summary: Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed:11991638, PubMed:18984161, PubMed:19325628, 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:



15% SDS-PAGE (3ug)

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