

## Product datasheet for **AR50186PU-N**

### snRNP A / SNRPA1 (1-255, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	snRNP A / SNRPA1 (1-255, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MVKLTAELIE QAAQYTNAGR DRELDLRGYK IPVIENLGAT LDQFDAIDFS DNEIRKLDGF PLLRRLKTL VNNNRICRIG EGLDQALPCL TELILTNNSL VELGDLPLA SLKSLTYLSI LRNPVTNKKH YRLVVIYKVP QVRVLDQKV KLKERQEA EK MFKGKRGAL AKDIARRSKT FNPAGALPTD KKKGGPSPGD VEAIKNAIAN ASTLAEVERL KGLLQSGQIP GRERRSGPTD DGEEEMEEDT VTNGS
Tag:	His-tag
Predicted MW:	30.5 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.2M NaCl, 2 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SNRPA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_003081</a>
Locus ID:	6627
UniProt ID:	<a href="#">P09661</a>
Cytogenetics:	15q26.3
Synonyms:	U2 snRNP A'


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**Summary:** Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346, PubMed:27035939). Associated with sn-RNP U2, where it contributes to the binding of stem loop IV of U2 snRNA (PubMed:9716128, PubMed:27035939).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Protein Pathways:** Spliceosome

### Product images:

