

Datasheet for ABIN7557767
SNRPA1 Protein (AA 1-287) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SNRPA1 (SNRPA)
Protein Characteristics:	AA 1-287
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNRPA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Snrpa Protein expressed in mammalian cells.
Sequence:	MATIATMPVP ETRANHTIYI>NNLNKIKKD ELKKSLEYAIF SQFGQILDIL VSRIMKMRGQ AFVIFKEVTS ATNALRSMQG PPFYDKPMRI QYAKTSDSII AKMKGTYVER DRKREKRKPK SQETPAAKKA VQGGAAAPVV GAVQPVPGMP PMPQAPRIMH HMPGQPPYMP PPGMIPPPGL APGQIPPGAM PPQQLMPGQM PPAQPLSENP PNHILFLTNL PEETNELMLS MLFNQFPGFK EVLVPGRHD IAFVEFDNEV QAGAARDALQ GFKITQNNAM KISFAKK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SNRPA1 (SNRPA)
Alternative Name:	Snrpa (SNRPA Products)
Background:	U1 small nuclear ribonucleoprotein A (U1 snRNP A) (U1-A) (U1A),FUNCTION: Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. U1 snRNP is the first snRNP to interact with pre-mRNA. This interaction is required for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP. SNRPA binds stem loop II of U1 snRNA. In a snRNP-free form (SF-A) may be involved in coupled pre-mRNA splicing and polyadenylation process. May bind preferentially to the 5'-UGCAC-3' motif on RNAs (By similarity). {ECO:0000250}.
Molecular Weight:	31.8 kDa
UniProt:	Q62189

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months