

Product datasheet for **TP301818M**

U1A (SNRPA) (NM_004596) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human small nuclear ribonucleoprotein polypeptide A (SNRPA), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC201818 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MAVPETRPNHTIYINNLNEKIKKDELKKSLYAIFSQFGQILDILVSRSLKMRGQAFVIFKEVSSATNALR
SMQGFPPFYDKPMRIQYAKTDSIIAKMKGTFVERDRKREKRKPKSQETPATKKAVQGGGATPVVAVQGP
VPGMPPMTQAPRIMHHMPGQPPYMPPPGMIPPPGLAPGQIPPGAMPPQQLMPGQMPPAQPLSENPPNHIL
FLTNLPEETNELMLSMLFNQFPGFKEVRLVGRHDIAFVEFDNEVQAGAARDALQGFKITQNNAMKISFA
KK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 31.1 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

Bioactivity: : OriGene human recombinant small nuclear ribonucleoprotein polypeptide A (SNRPA, Cat. #TP301818) was compared side-by-side with baculovirus based insect cell (BEVS) derived SNRPA in a phycoerythrin detecting Luminex assay. The human cell produced SNRPA is comparative or better in sensitivity than the insect cell produced SNRPA to detect autoantibodies in human serum samples.

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.



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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_004587](#)

Locus ID: 6626

UniProt ID: [P09012](#)

RefSeq Size: 1646

Cytogenetics: 19q13.2

RefSeq ORF: 846

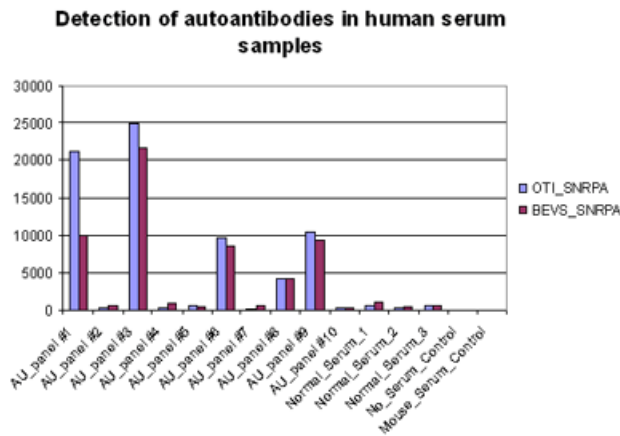
Synonyms: Mud1; U1-A; U1A

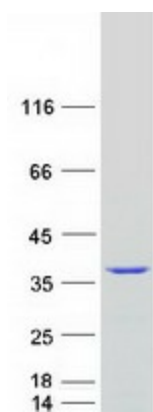
Summary: The protein encoded by this gene associates with stem loop II of the U1 small nuclear ribonucleoprotein, which binds the 5' splice site of precursor mRNAs and is required for splicing. The encoded protein autoregulates itself by polyadenylation inhibition of its own pre-mRNA via dimerization and has been implicated in the coupling of splicing and polyadenylation. [provided by RefSeq, Oct 2010]

Protein Families: Stem cell - Pluripotency

Protein Pathways: Spliceosome

Product images:





Coomassie blue staining of purified SNRPA protein (Cat# [TP301818]). The protein was produced from HEK293T cells transfected with SNRPA cDNA clone (Cat# [RC201818]) using MegaTran 2.0 (Cat# [TT210002]).