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Product datasheet for TP301818

U1A (SNRPA) (NM_004596) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human small nuclear ribonucleoprotein polypeptide A (SNRPA), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201818 protein sequence Red=Cloning site Green=Tags(s) MAVPETRPNHTIYINNLNEKIKKDELKKSLYAIFSQFGQILDILVSRSLKMRGQAFVIFKEVSSATNALR SMQGFPFYDKPMRIQYAKTDSDIIAKMKGTFVERDRKREKRKPKSQETPATKKAVQGGGATPVVGAVQGP VPGMPPMTQAPRIMHHMPGQPPYMPPPGMIPPPGLAPGQIPPGAMPPQQLMPGQMPPAQPLSENP PNHIL FLTNLPEETNELMLSMLFNQFPGFKEVRLVPGRHDIAFVEFDNEVQAGAARDALQGFKITQNNAMKISFA 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.

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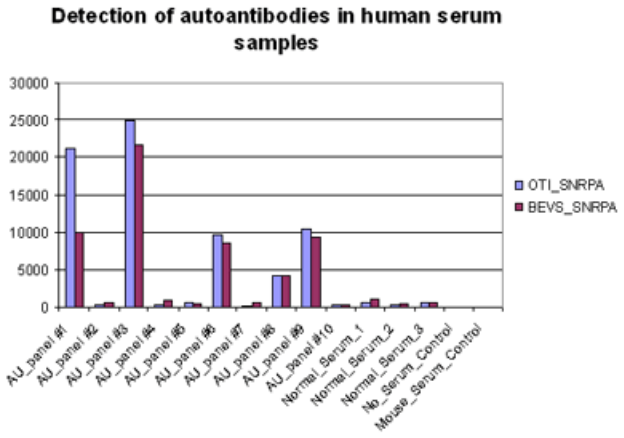
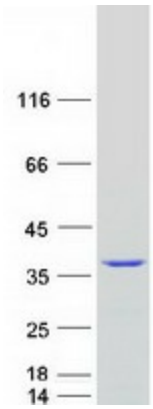
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004587
Locus ID:	6626
UniProt ID:	P09012
RefSeq Size:	1646
Cytogenetics:	19q13.2
RefSeq ORF:	846
Synonyms:	Mud1; 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]).