



# Recombinant Human U1 snRNP-A [His] (DAG-WT2281)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	33.4 kDa
Format	Liquid
Size	50 µg, 500 µg, 1 mg
Buffer	20mM Tris-HCl, 500mM NaCl, 0.01% Tween 80, 1mM EDTA, 50%Glycerol, pH8.0
Preservative	None
Storage	Store at -20°C

## BACKGROUND

Introduction	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
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**Keywords**

U1 small nuclear ribonucleoprotein A; SNRPA

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## GENE INFORMATION

**UniProt ID**

P09012

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