

Datasheet for ABIN2734735

**SNRPA1 Protein (Myc-DYKDDDDK Tag)****2** Images[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 20 µg  |
| Target:                       | SNRPA1 (SNRPA)   |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells  |
| Protein Type:                 | Recombinant  |
| Biological Activity:          | Active   |
| Purification tag / Conjugate: | This SNRPA1 protein is labelled with Myc-DYKDDDDK Tag.   |
| Application:                  | Antibody Production (AbP), Functional Studies (Func), Protein Interaction (PI), Standard (STD) |

## Product Details

|                              |  |
|------------------------------|--|
| Specificity:                 | Optimal preservation of protein structure, post-translational modifications and functions.   |
| Characteristics:             | <ul style="list-style-type: none"><li>• Recombinant human U1 snRNP protein A protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li><li>• Tested for bioactivity.</li></ul>  |
| Purity:                      | > 80 % as determined by SDS-PAGE and Coomassie blue staining   |
| Biological Activity Comment: | : OriGene human recombinant small nuclear ribonucleoprotein polypeptide A (SNRPA) 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. |

## Target Details

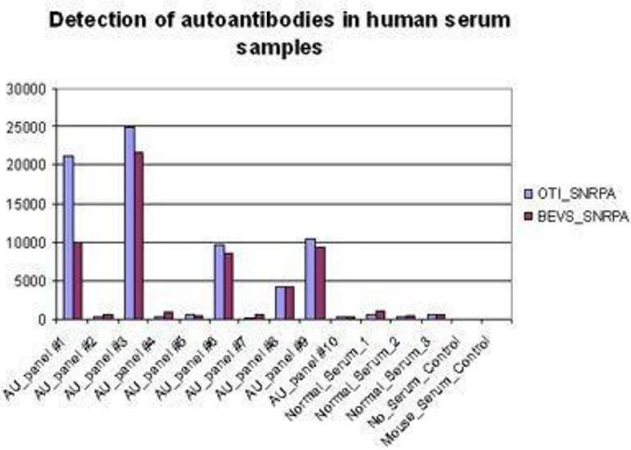
|                   |   |
|-------------------|---|
| Target:           | SNRPA1 (SNRPA)  |
| Alternative Name: | u1 Snrnp Protein A ( <a href="#">SNRPA Products</a> )   |
| Background:       | The protein encoded by this gene associates with stem loop II of the U1 small nuclear ribonucleoprotein, which 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. |
| Molecular Weight: | 31.1 kDa  |
| NCBI Accession:   | <a href="#">NP_004587</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays<br>Protein-protein interaction<br>In vitro biochemical assays and cell-based functional assays |
| Comment:           | The tag is located at the C-terminal.   |
| Restrictions:      | For Research Use only   |

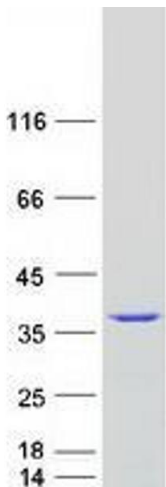
## Handling

|                  |   |
|------------------|---|
| Concentration:   | > 50 µg/mL  |
| Buffer:          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.  |
| Storage:         | -80 °C  |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |



Activity Assay

Image 1. Bioactivity measured with Activity Assay



Western Blotting

Image 2. Validation with Western Blot