

# Recombinant Heterogeneous Nuclear Ribonucleoprotein A1 (HNRNPA1) Instruction Manual

## SIPC716Hu01

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus, Cytoplasm
<b>Predicted Molecular Mass</b>	42.3kDa
<b>Accurate Molecular Mass</b>	43kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ser2~Phe372 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	9.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
SKSESPKEP EQLRKLFIGG LSFETTDESL RSHFEQWGTL TDCVVMRDPN
TKRSRFGFV TYATVEEVDA AMNARPHKVD GRVVEPKRAV SREDSQRPGA
HLTVKKIFVG GIKEDTEHH LRDYFEQYGK IEVIEIMTDR GSGKKRGFAF
VTFDDHDSVD KIVIQKYHTV NGHNCVRKA LSKQEMASAS SSQRGRSGSG
NFGGGRGGGF GGNDNFGRGG NFSGRGGFGG SRGGGGYGGG GDGYNGFGND
GGYGGGGPGY SGGSRGYGSG GQGYGNQGS YGGSGSYDSY NNGGGGGFEGG
GSGSNFGGGG SYNDFGNYYN QSSNFGPMKG GNFGGRSSGP YGGGGQYFAK
PRNQGGYGGG SSSSSYGSGR RF
```

## USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

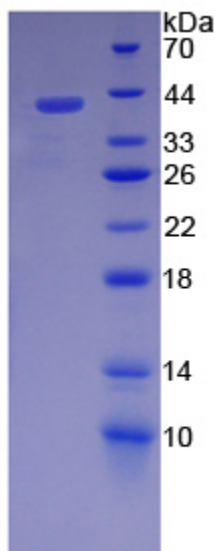
## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### Image



15% SDS-PAGE  
Figure. SDS-PAGE

### **[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.