

# Recombinant Jagged 1 (JAG1) Instruction Manual

**SIPB554Hu02**

**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>	Secreted
<b>Predicted Molecular Mass</b>	40.7kDa
<b>Accurate Molecular Mass</b>	45kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Gly470~Thr834 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	5.0
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
          G YRCICPPGYA GDHCERDIDE CASNPCLNGG  
HCQNEINRFQ CLCPTGFSGN LCQLDIDYCE PNPCQNGAQC YNRASDYFCK  
CPEDYEGKNC SHLKDHCRTT PCEVIDSCTV AMASNDTPEG VRYISSNVCG  
PHGKCKSQSG GKFTCDCNKG FTGTYCHENI NDCESNPCRN GGTCIDGVNS  
YKCICSDGWE GAYCETNIND CSQNPCHNGG TCRDLVNDFY CDCKNGWKGK  
TCHSRDSQCD EATCNGGTC YDEGDAFKCM CPGGWEGTTC NIARNSSCLP  
NPCHNGGTCV VNGESFTVCV KEGWEGPICA QNTNDCSPHP CYNSTGTCVDG  
DNWYRCECAP GFAGPDCRIN INEQSSPCA FGAT
```

## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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**

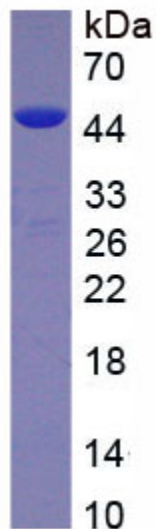


Figure. SDS-PAGE

## **[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.