

# Recombinant A Disintegrin And Metalloprotease 12 (ADAM12) Instruction Manual

## SIPK106Hu01

**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>	Membrane
<b>Predicted Molecular Mass</b>	31.3kDa
<b>Accurate Molecular Mass</b>	31kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ser513~His767 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	8.9
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
SCQDVDGY CYNGICQTHE QQCVTWGP AKPAPGICFE  
RVNSAGDPYG NCGKVKSSF AKCEMRDAKC GKIQCQGGAS RPIVIGTNAVS  
IETNIPLQQG GRILCRGTHV YLGDDMPDPG LVLAGTKCAD GKICLNRQCQ  
NISVFGVHEC AMQCHGRGVC NNRKNCHCEA HWAPPFCDFK GFGGSTDSGP  
IRQADNQGLT IGILVTILCL LAAGFVVYLK RKTILRLLFT NKKTTIEKLR  
CVRPSRPPRG FQPCQAH
```

## USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration less than or equal to 0.1mg/mL. Do not vortex.

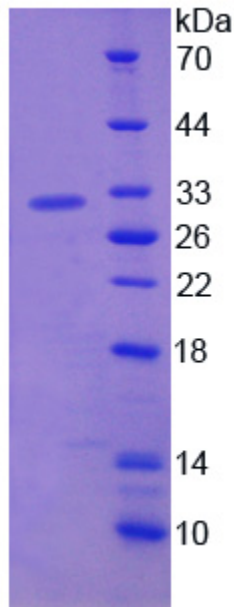
## STORAGE

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  
SDS-PAGE Image

## **[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.