

# Recombinant Ubiquitin Specific Peptidase 14 (USP14) Instruction Manual

**SIPF084Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1 $\mu$ g (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Cytoplasm
<b>Predicted Molecular Mass</b>	59.8kDa
<b>Accurate Molecular Mass</b>	60kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~Gln494 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	5.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

MPLYSVTVKW GKEKFEGVEL NTDEPPMVFK AQLFALTGVQ PARQKVMVKG  
GTLKDDDWGN IKIKNGMTLL MMGSADALPE EPSAKTVFVE DMTEEQLASA  
MELPCGLTNL GNTCYMNATV QCIRSVPELK DALKRYAGAL RASGEMASAQ  
YITAALRDLF DSMDKTSSSI PPIILLQFLH MAFPQFAEKG EQGQYLQQDA  
NECWIQMMRV LQKLEAIED DSVKETDSSS ASAATPSKKK SLIDQFFGVE  
FETTMKCTES EEEEVTKGKE NQLQLSCFIN QEVKYLFTGL KLRLQEEITK  
QSPTLQRNAL YIKSSKISRL PAYLTIQMVR FFYKEKESVN AKVLKDVKFP  
LMLDMYELCT PELQEKMVSF RSKFKDLEDK KVNQQPNTSD KKSSPQKEVK  
YEPFSFADDI GSNNCGYYDL QAVLTHQGRS SSSGHYVSWV KRKQDEWIKF  
DDDKVSIIVTP EDILRLSGGG DWHIAYVLLY GPRRVEIMEE ESEQ

## USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

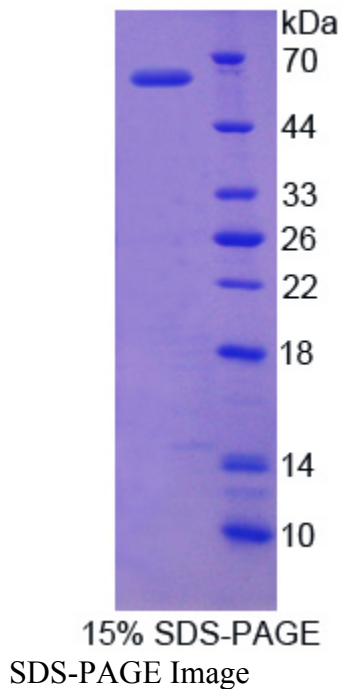
## **STORAGE**

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**



## **[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.