

# Eukaryotic Histidine Rich Glycoprotein (HRG) Instruction Manual

## SFPC306Mu61

### Mus musculus (Mouse)

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F Cell
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	58.86kDa
<b>Accurate Molecular Mass</b>	80/60/45/35kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Leu19~Lys525 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	7.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
LS PTNCDASEPL AEKVLDLINK GRRSGYVFEL
LRVSDAHLDR AGTATVYYLA LDVIESDCWV LSTKAQDDCL PSRWQSEIVI
GQCKVIATRY SNESQDLSVN GYNCTTSSVS SALRNTKDSP VLLDFFEDSE
LYRKQARKAL DKYKTDNGDF ASFRVERAER VIRARGGERT NYYVEFSMRN
CSTQHFRSP LVFGFCRALL SYSIETSDLE TPDSIDINCE VFNIEDHKDT
SDMKPHWGHE RPLCDKHLCK LSGSRDHHHT HKTDKLGCPP PPEGKDMSDR
PRLQEGALPQ LPPGYPPHSG ANRTHRPSYN HSCNEHPCHG HRPHGHHPHS
HHPPGHSHG HHPHGHHPHS HSHGHHPG HHPHGHHPHG HHPHGHHPHG
HHPHGHDFLD YGPCDPPSNS QELKGQYHRG YGPPHGHSRK RGPGLFPF
HHQQIGYVYR LPPLNIGEVL TLPEANFPSF SLPNCNRSQ PEIQFPQTA
SRSCPGKFES EFPQISKFFG YTPPK
```

## 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

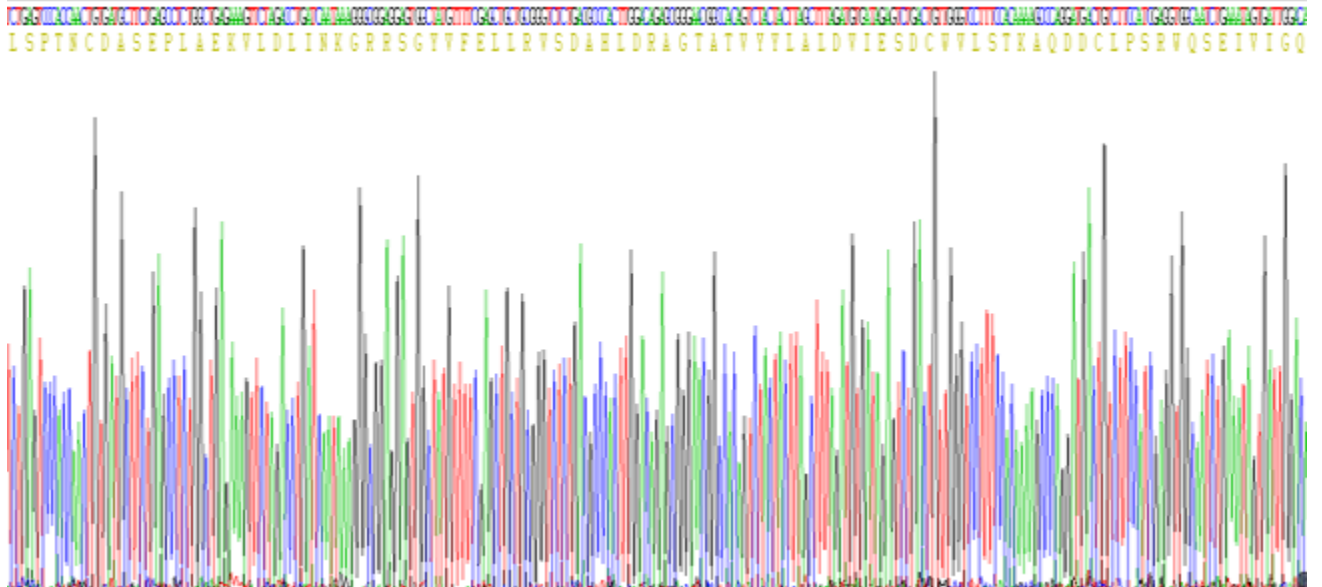


Figure. SDS-PAGE

## **[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.

