

# Recombinant Toll Like Receptor 2 (TLR2) Instruction Manual

## SIPA650Hu03

### 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>	67.9kDa
<b>Accurate Molecular Mass</b>	66kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Glu21~Thr588 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>	> 95%
<b>Isoelectric Point</b>	5.6
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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ESSNQASLSC DRNGICKGSS  GSLNSIPSGL  TEAVKSLDLS  NNRITYISNS  DLQRCVNLQA  LVLTSNGINT  IEEDSFSSLG  
SLEHLDLSYN YLSNLSSSWF  KPLSSLTFLN  LLGNPYKTLG  ETSLFSHLTK  LQILRVGNMD  TFTKIQRKDF  AGLTFLEELE  
IDASDLQSYE PKSLKSIQNV  SHLILHMKQH  ILLLEIFVDV  TSSVECLELR  DTDLDTFHFS  ELSTGETNSL  IKKFTFRNVK  
ITDESLFQVM KLLNQISGLL  ELEFDDCTLN  GVGNFRAVDN  DRVIDPGKVE  TLTIRRLHIP  RFYLFYDLST  LYSLTERVKR  
ITVENSKVFL VPCLLSQHLK  SLEYLDLSEN  LMVEEYLKNS  ACEDAWPSLQ  TLILRQNHLE  SLEKTGETLL  TLKNLTNIDI  
SKNSFHSMPY TCQWPEKMKY  LNLSSSTRIHS  VTGCIPKTLE  ILDVSNNNLN  LFSLNLPQLK  ELYISRNLKM  TLPDASLLPM  
LLVLKISRNA ITTFSKEQLD  SFHTLKTLEA  GGNNFICSCE  FLSFTQEQA  LAKVLIDWPA  NYLCDSPSHV  RGQQVQDVRL  
SVSECHRT
```

### 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**

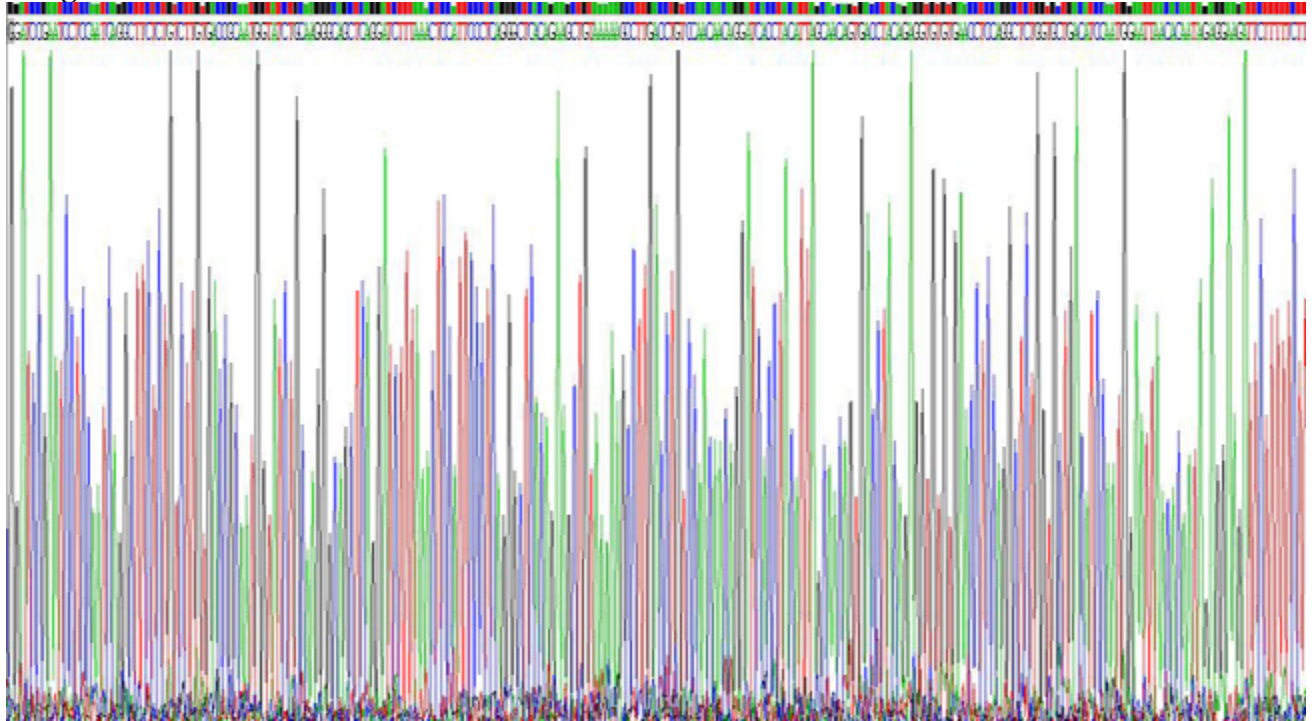


Figure. SDS-PAGE

## **[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.