

Recombinant Toll Like Receptor 5 (TLR5) Instruction Manual

SIPB993Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	64.7kDa
Accurate Molecular Mass	66kDa(Analysis of differences refer to the manual)
Residues & Tags	Lys313~Leu618 with N-terminal His and GST Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
          KDLKMLNL AFNKINKIGE NAFYGLDSLQ VLNLSYNLLG
ELYNSNFYGL PRVAYVDLQR NHIGIIQDQT FRLKTLQTL DLRDNALKAI
GFIPSIQMV LGGNKLVHLP HIHFTANFLE LSENRLNLS DLYFLLRVPQ
LQFLILNQNR LSSCKAAHTP SENPSLEQLF LTENMLQLAW ETGLCWDVFQ
GLSRLQILYL SNNYLNFLPP GIFNDLVALR MLSLSANKLT VLSPGSLPAN
LEILDISRNQ LLCPPALFS SLRVLDITHN EFVCNCELST FISWLNQTNV
TLFGSPADVY CMYPNSLL
```

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

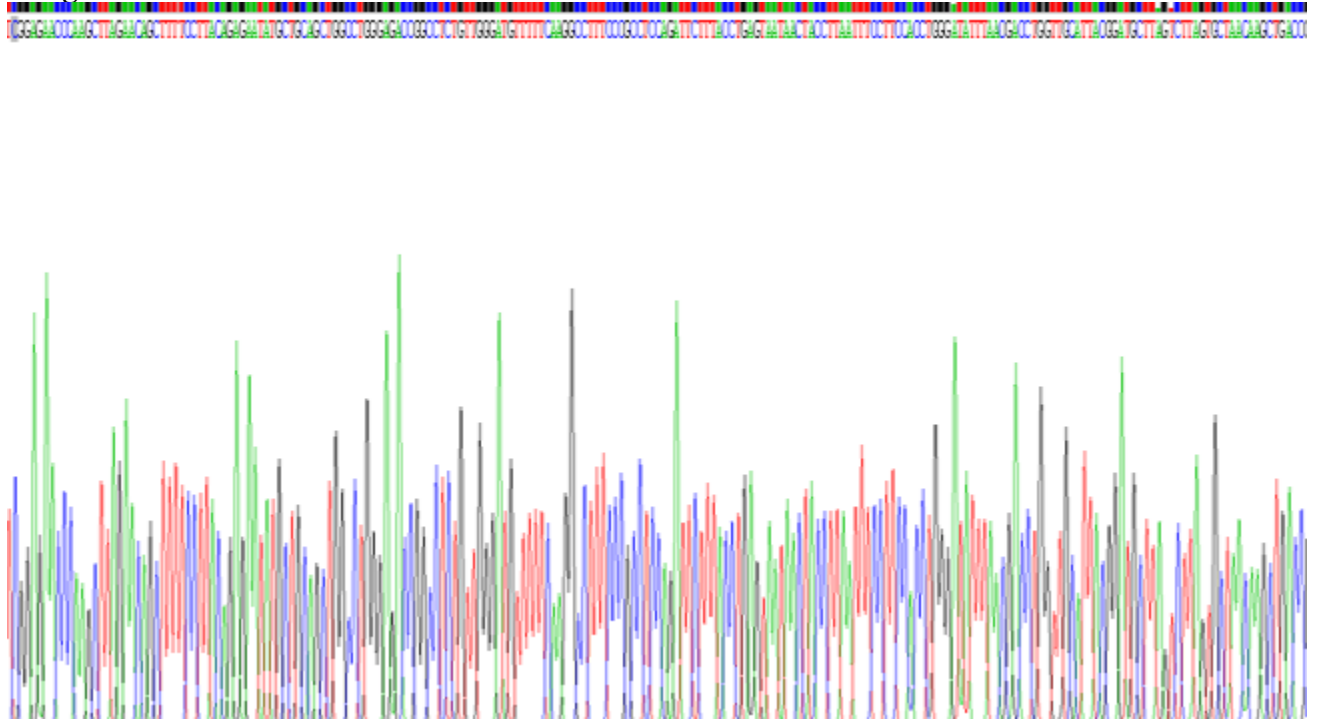
STORAGE

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



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.