SunLong Biotech Co.,LTD
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Recombinant Toll Like Receptor 5 (TLR5)

Catalog Number: SIPB993Mu01 **Spec: 10ug**

Product Name	Recombinant Toll Like Receptor 5 (TLR5)
Catalog Number	SIPB993Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Lys313~Leu618
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.1
Predicted Molecular Mass	64.7kDa
Accurate Molecular Mass	66kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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.

[SEQUENCE]

KDLKMLNL AFNKINKIGE NAFYGLDSLQ VLNLSYNLLG
ELYNSNFYGL PRVAYVDLQR NHIGIIQDQT FRLLKTLQTL DLRDNALKAI
GFIPSIQMVL LGGNKLVHLP HIHFTANFLE LSENRLENLS DLYFLLRVPQ
LQFLILNQNR LSSCKAAHTP SENPSLEQLF LTENMLQLAW ETGLCWDVFQ
GLSRLQILYL SNNYLNFLPP GIFNDLVALR MLSLSANKLT VLSPGSLPAN
LEILDISRNQ LLCPDPALFS SLRVLDITHN EFVCNCELST FISWLNQTNV
TLFGSPADVY CMYPNSLL

[IDENTIFICATION]

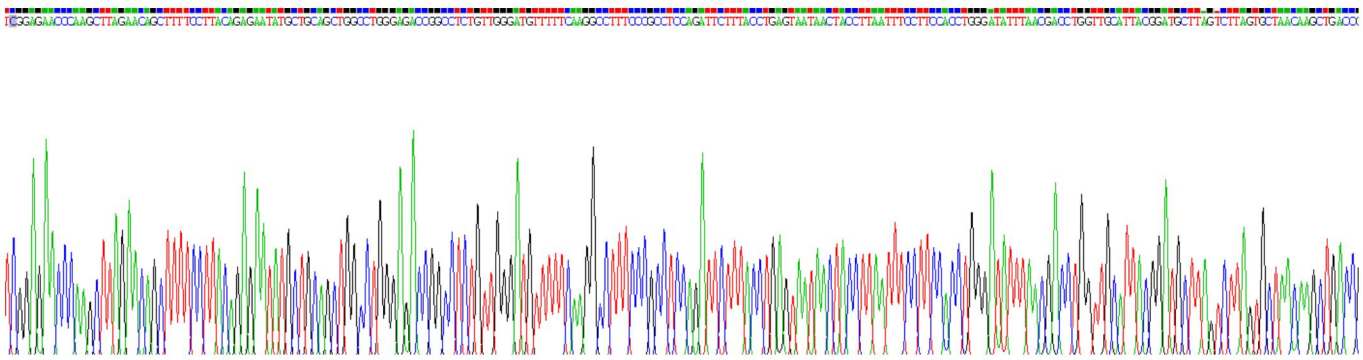
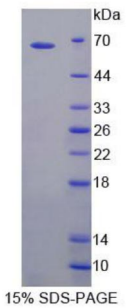


Figure . Gene Sequencing (extract)



[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.