



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YBA709Mu01 100µg

Recombinant Toll Like Receptor 9 (TLR9)

Organism Species: Mus musculus (Mouse)

Instruction manual

**FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Leu26~Asn332

Tags: Two N-terminal Tags, His-tag and GST-tag

Accession: Q9EQU3

Host: *E. coli*

**Subcellular Location: Endoplasmic reticulum
membrane. Single-pass type I membrane protein.**

**Endosome. Lysosome. Cytoplasmic vesicle,
phagosome.**

Purity: >90%

Endotoxin Level: <1.0EU per 1µg

(determined by the LAL method).

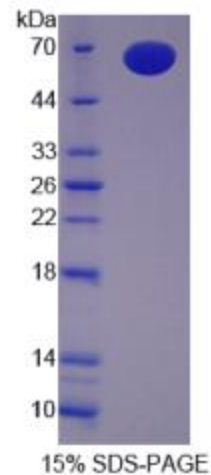
**Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.**

Predicted isoelectric point: 8.1

Predicted Molecular Mass: 64.1kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



[USAGE]



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Reconstitute in sterile PBS, pH7.2-pH7.4.



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[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

**LG TLP AFLP CELKP H GLVD CNWLFL KSVPR FSAAA SCSN ITRLSL ISNR IHHLH N
SDFVHLSNLR QLNLKWNCPP TGLSPLHFSC HMTIEPRTFL AMRTLEELNL SYNGITTVPR
LPSSLVNLSL SHTNILVLDA NSLAGLYSLR VLFMDGNCY Y KNPCTGAVKV TPGALLGLSN
LTHLSLKYNN LTKVPRQLPP SLEYLLVSYN LIVKLGPEL ANLTSLRVLD VGGNCRCDH
APNPCIECGQ KSLHLHPETF HHLSHLEGLV LKDSSLHTLN SSWFQGLVNL SVLDLSENFL
YESITHTNAF QN**