Recombinant Toll Like Receptor 9 (TLR9) Instruction Manual

SIPA860Mu01

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationMembranePredicted Molecular Mass64.1kDa

Accurate Molecular Mass 64kDa(Analysis of differences refer to the manual)
Residues & Tags Leu26~Asn332 with N-terminal His and GST Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 8.1

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

LGTLP AFLPCELKPH GLVDCNWLFL

KSVPRFSAAA SCSNITRLSL ISNRIHHLHN SDFVHLSNLR QLNLKWNCPP TGLSPLHFSC HMTIEPRTFL AMRTLEELNL SYNGITTVPR LPSSLVNLSL SHTNILVLDA NSLAGLYSLR VLFMDGNCYY KNPCTGAVKV TPGALLGLSN LTHLSLKYNN LTKVPRQLPP SLEYLLVSYN LIVKLGPEDL ANLTSLRVLD VGGNCRRCDH APNPCIECGQ KSLHLHPETF HHLSHLEGLV LKDSSLHTLN

SSWFQGLVNL SVLDLSENFL YESITHTNAF QN

USAGE

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

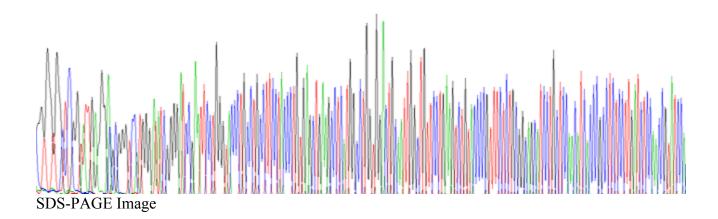
STORAGE

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



[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.