

Toll Like Receptor 4 (TLR4) Recombinant Protein | TLR4 recombinant protein

Recombinant Toll Like Receptor 4 (TLR4)

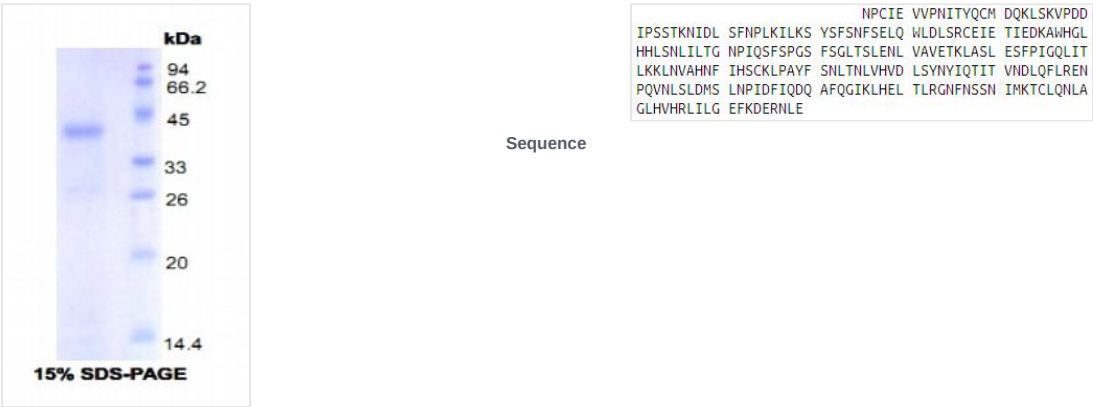
CATALOG # AAA134033	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Toll Like Receptor 4 (TLR4); Recombinant Toll Like Receptor 4 (TLR4); TLR4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for TLR4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Asn26~Glu269
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Predicted Molecular Mass	33.3kDa
Accurate Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946594
NCBI GeneID	21898
NCBI Accession #	NP_067272.1
NCBI GenBank Nucleotide #	NM_021297.2
UniProt Accession #	Q9QUK6; Q9D691; Q9QZF5; Q9Z203
NCBI Official Full Name	toll-like receptor 4
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	Tlr4
NCBI Official Synonym Symbols	Lps; Ly87; Ran/M1; Rasi2-8
NCBI Protein Information	toll-like receptor 4; lipopolysaccharide response
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	Tlr4
UniProt Synonym Gene Names	Lps
UniProt Entry Name	TLR4_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.