

Toll Like Receptor 9 Recombinant Protein | TLR9 recombinant protein

Recombinant Toll Like Receptor 9 (TLR9)

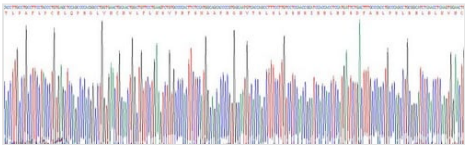
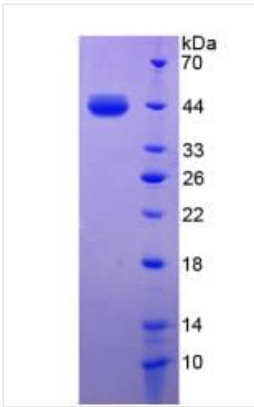
CATALOG # AAA20991	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Toll Like Receptor 9; Recombinant Toll Like Receptor 9 (TLR9); TLR9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for TLR9 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Thr28~Ser362
Tags	N-terminal His Tag
Subcellular Location	Lysosome, Cytoplasm, Endoplasmic reticulum lumen, Endosome
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



Application Data

SDS-PAGE

TLP AFLPCELQPH GLVNCNWLFL

KSVPHFSMAA PRGNVTSLSL SSNRIHHLHD SDFAHLPCLR HLNKWNCP

VGLSPMHFPC HMTIEPSTFL AVPTLEELNL SYNIMTVPA LPKSLISLSL

SHTNIMLDS ASLAGLHALR FLFDGNCYY KNPCRQALEV APGALLGLGN

LTHLSLKYYN LTVVPRNLPS SLEYLLSYN RIVKLAPEDL ANLTALRVLD

VGGNCRCDH APNPMCECPR HFPQLHPDTF SHLSRLEGLV LKDSLSWLN

ASWFRGLGNL RVLDSLSEFL YKCITKTAF QGLTQLRKLN LSFNYQKRV

FAHLSLAPSF GS

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	157057166
NCBI GeneID	81897
NCBI Accession #	NP_112455.2
NCBI GenBank Nucleotide #	NM_031178.2
Molecular Weight	Predicted Molecular Mass: 41.1kDa Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	toll-like receptor 9
NCBI Official Synonym Full Names	toll-like receptor 9
NCBI Official Symbol	Tlr9
NCBI Protein Information	toll-like receptor 9
UniProt Protein Name	Toll-like receptor 9
UniProt Gene Name	Tlr9
UniProt Entry Name	TLR9_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.