

Toll Like Receptor 5 (TLR5) Recombinant Protein | TLR5 recombinant protein

Recombinant Toll Like Receptor 5 (TLR5)

CATALOG # AAA134750	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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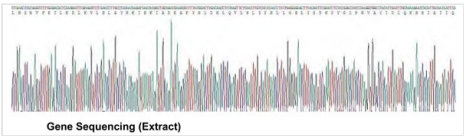
PRODUCT SYNONYMS

Toll Like Receptor 5 (TLR5); Recombinant Toll Like Receptor 5 (TLR5); TLR5 recombinant protein

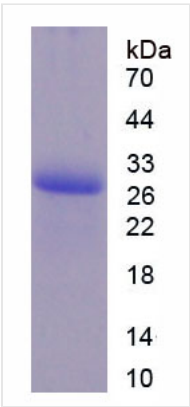
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	LNSRVFETLK DLKVLNLAYN KINKIADEAF YGLDNLQVLN LSYNLLGELY SSNFYGLPKV AYIDLQKNHI AIIQDQTFKF LEKLQTLDLR DNALTTIHFI PSIPDIFLSG NKLVTLPKIN LTANLIHLSE NRLENLDILY FLLRVPHLQI LILNQNRFS CSGDQTPSEN PSLEQLFLGE NMLQLAWETE LCWDVFEGLS HLQVLYLNHN YL
Applicable Applications for TLR5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Leu303~Leu514
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
Usage	Reconstitute in ddH ₂ O 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.

IMAGES



Gene Sequence
Gene Sequencing (extract)



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	16751843
NCBI GeneID	7100
NCBI Accession #	NP_003259.2
NCBI GenBank Nucleotide #	NM_003268.5
UniProt Accession #	O60602; O15456; Q32MI3; B1AZ05; B3Y633; D3DTB8
Molecular Weight	Predicted Molecular Mass: 31.2kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	toll-like receptor 5
NCBI Official Synonym Full Names	toll-like receptor 5
NCBI Official Symbol	TLR5
NCBI Official Synonym Symbols	TIL3; SLEB1; MELIOS
NCBI Protein Information	toll-like receptor 5; toll/interleukin-1 receptor-like protein 3; systemic lupus erythematosus susceptibility 1
UniProt Protein Name	Toll-like receptor 5
UniProt Gene Name	TLR5
UniProt Synonym Gene Names	TIL3
UniProt Entry Name	TLR5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/tlr5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134750>