Toll Like Receptor 7 (TLR7) Recombinant Protein | TLR7 recombinant protein

Recombinant Toll Like Receptor 7 (TLR7)

CATALOG #	HOST	APPLICATIONS
AAA135502	**E Coli**	**Western Blot, SDS-Page**

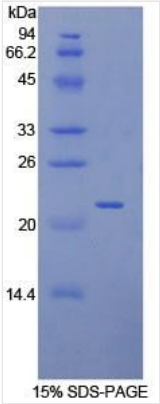
PRODUCT SYNONYMS

Toll Like Receptor 7 (TLR7); Recombinant Toll Like Receptor 7 (TLR7); TLR7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	Thesequenc eofthetarg etproteini slistedbel ow. PDC CYDAFIVYDT KDPAVTEWVL AELVAKLEDP REKHFNLCLE ERDWLPGQPV LENLSQSIQL SKKTVFVMTD KYAKTENFKI AFYLSHQRLM DEKVDVIILI FLEKPFQKSK FLQLRKRLCG SSVLEWPTNP QAHPYFWQCL KNALATD
Sequence Length	1049
Applicable Applications for TLR7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Residues	Pro887~Asp1036 (Accession # Q9NYK1) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Membrane, Plasma
Traits	Freeze-dried powder
Predicted Isoelectric Point	6.8
Reconstitution	Reconstitute in sterile ddH2O.
Usage	Reconstitute in ddH_2O to a concentration of 0-0.5 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 andprecipitation were observed. The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706093
NCBI GeneID	51284
NCBI Accession #	NP_057646.1
NCBI GenBank Nucleotide #	NM_016562.3
UniProt Accession #	Q9NYK1; Q9NR98; D1CS69
Molecular Weight	Predicted MW: 21.3 kDa Accurate MW: 21 kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	toll-like receptor 7
NCBI Official Synonym Full Names	toll-like receptor 7
NCBI Official Symbol	TLR7
NCBI Official Synonym Symbols	TLR7-like
NCBI Protein Information	toll-like receptor 7; toll-like receptor 7-like
UniProt Protein Name	Toll-like receptor 7
UniProt Gene Name	**TLR7**
UniProt Entry Name	TLR7_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://www.aaabiotech.com/tlr7-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135502