

Toll-like receptor 4 (Tlr4) Recombinant Protein | Tlr4 recombinant protein

Recombinant Rat Toll-like receptor 4 (Tlr4), partial

CATALOG #
AAA116620

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Toll-like receptor 4 (Tlr4); Recombinant Rat Toll-like receptor 4 (Tlr4); partial; Tlr4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	26-638aa; partial
Sequence	NPCIEVL PNI TYQCMDQNLS KIPHDIPYST KNLDLSFNPL KILRSYSFTN FSQ LQWLDLS RCEIETIEDK AWHGLNQLST LVL TGNPIKS FSPGSFSGLT NLENLVAVET KMTSLEGFHI GQLISLKKLN VAHNLIHSFK LPEYFSNL TN LEHVDLSYNY IQTISVKDLQ FLRENPQVNL SLDLSLNPID SIQAQAFQGI RLHELTLRSN FNSSNVLMKC LQNMTGLHVH RLILGEFKNE RNLESFDRSV MEGLCNV SID EFRLTYINHF SDDIYNLNCL ANISAMSFTG VHIKHIADVP RHFKWQSLSI IRCHLKPFKP LSLPFLKSWT LTTNREDISF GQLALPSLRY LDLSRNAMSF RGCCSYSDFG TNNLKYLDLS FNGVILMSAN FMGLEELEYL DFQHSTLKKV TEFSVFLSLE KLLYLDISYT NTKIDFDGIF LGLISLNTLK MAGNSFKDNT LSNVFTNTTN LTFLDL SKCQ LEQISRGVFD TLYRLQLLNM SHNNLLFLDP SHYKQLYSLR TLDCSFNRIE TSKGILQHFP KSLAVFNLTN NSVACICEYQ NFLQWVKDQK MFLVNVEQMK CASPIDMKAS LVLDFTNSTC YIYKTIISVS VVS
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Tlr4 recombinant protein	This protein is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor is most abundantly expressed in placenta, and in myelomonocytic subpopulation of the leukocytes. It has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Also, several transcript variants of this gene have been found, but the protein coding potential of most of them is uncertain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742799
NCBI GeneID	29260
NCBI Accession #	NP_062051.1
NCBI GenBank Nucleotide #	NM_019178.1
UniProt Accession #	Q9QX05

Molecular Weight	96,072 Da
NCBI Official Full Name	toll-like receptor 4
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	Tlr4
NCBI Protein Information	toll-like receptor 4
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	Tlr4
UniProt Synonym Gene Names	Toll4

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/tlr4-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116620>