Recombinant Rat Tlr4 protein, His-SUMO & Myc-tagged

Cat. No. Tlr4-2401R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tlr4 protein(Q9QX05)(26-638aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	26-638aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	90.2 kDa
AA Sequence	NPCIEVLPNITYQCMDQNLSKIPHDIPYSTKNLDLSFNPLKILRSYSFTNFSQLQWLDL SRCEIETIEDKAWHGLNQLSTLVLTGNPIKSFSPGSFSGLTNLENLVAVETKMTSLEG FHIGQLISLKKLNVAHNLIHSFKLPEYFSNLTNLEHVDLSYNYIQTISVKDLQFLRENPQ VNLSLDLSLNPIDSIQAQAFQGIRLHELTLRSNFNSSNVLKMCLQNMTGLHVHRLILG EFKNERNLESFDRSVMEGLCNVSIDEFRLTYINHFSDDIYNLNCLANISAMSFTGVHIK HIADVPRHFKWQSLSIIRCHLKPFPKLSLPFLKSWTLTTNREDISFGQLALPSLRYLDL SRNAMSFRGCCSYSDFGTNNLKYLDLSFNGVILMSANFMGLEELEYLDFQHSTLKK VTEFSVFLSLEKLLYLDISYTNTKIDFDGIFLGLISLNTLKMAGNSFKDNTLSNVFTNTT NLTFLDLSKCQLEQISRGVFDTLYRLQLLNMSHNNLLFLDPSHYKQLYSLRTLDCSFN

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	RIETSKGILQHFPKSLAVFNLTNNSVACICEYQNFLQWVKDQKMFLVNVEQMKCASP IDMKASLVLDFTNSTCYIYKTIISVSVVS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Tlr4 toll-like receptor 4 [Rattus norvegicus]
Official Symbol	Tlr4
Synonyms	TLR4; toll-like receptor 4; toll4;
Gene ID	29260
mRNA Refseq	NM_019178
Protein Refseq	NP_062051

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