

Recombinant Human TLR4 protein, His-tagged

Cat. No. TLR4-3589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR4 protein(O00206)(27-631aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-631aa
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	72.4 kDa
AA Sequence	EPCVEVVPNITYQCMELNFYKIPDNLFPSTKNLDLSFNPLRHLGSYSFFSFPELQVLD LSRCEIQTIEDGAYQSLSHLSTLILTGNPIQSLALGAFSGLSSLQKLVAVETNLASLEN FPIGHLKTLKELNVAHNLIQSFKLPEYFSNLTNLEHLDLSSNKIQSIYCTDLRVLHQMP LLNLSLDLSLNP MNFIQPGAFKEIRLHKLTLRNNFDSLNV MKTCIQGLAGLEVHRLVL GEFRNEGNLEKFDKSALEGLCNLTIEEFRLAYLDYYLDDIIDLFNCLTNVSSFSLVSVTI ERVKDFSYNFGWQHLELVNCKFGQFP TLKLSLKRLTFTSNKGGNAFSEVDLP SLE FLDLSRNGLSFKGCCSQSDFGTTSLKYLDLSFNGVITMSSNFLGLEQLEHLDFQHSN LKQMSEFSVFLSLRNLIYLDISHTHTRVAFNGIFNGLSSLEV LKMAGNSFQENFLPDIF TELRNLTFDLDSQCQLEQLSPTAFNSLSSLQVLNMSHNNFFSLDTFPYKCLNSLQVL

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	DYSLNHIMTSKKQELQHFPSSLAFLNLTQNDFACTCEHQSFLQWIKDQRQLLVEVER MECATPSDKQGMPLVLSLNTCQMNK
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°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%.

GENE INFORMATION

Gene Name	TLR4 toll-like receptor 4 [Homo sapiens]
Official Symbol	TLR4
Synonyms	TLR4; toll-like receptor 4; CD284; hToll; TLR 4; homolog of Drosophila toll; TOLL; TLR-4; ARMD10;
Gene ID	7099
mRNA Refseq	NM_003266
Protein Refseq	NP_003257
UniProt ID	O00206

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