

Recombinant Human TLR4 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TLR4 protein(O00206)(27-631 aa), 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 MNFIQPGAFKEIRLHKLTLRNNFDSL NVMKTCIQGLAGLEVHRLVL GEFRNEGNLEKFDKSALEGLCNLTIEEFRLAYLDYYLDDIIDLFNCLTNVSSFSLSVSVTI ERVKDFSYNFGWQHLELVNCKFGQPPTLKLKSLKRLTFTSNKGGNAFSEVDLPSLE FLDLSRNGLSFKGCCSQSDFGTTSLKYLDLSFNGVITMSSNFLGLEQLEHLDFQHSN LKQMSEFSVFLSLRNLIYLDISHTHTRVAFNGIFNGLSSLEVLMAGNSFQENFLPDFIF TELRNLTFLDLSQCQLEQLSPTAFNSLSSLQVLNMSHNNFFSLDTFPYKCLNSLQVL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DYSLNHIMTSKKQELQHFPSSLAFLNLTQNDFACTCEHQSFLQWIKDQRQLLVEVER
MECATPSDKQGMPVLSLNICQMNK

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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