Active Recombinant Human TLR4 Protein, Ser & His-tagged

Cat. No. TLR4-886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR4 (Accession # O00206) Glu24-Lys631, fused with a C-terminal Ser and 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu24-Lys631
Predicted N Terminal	Glu24
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.When Recombinant Human (rh) TLR4 is Immobilized at 2 μg/mL (100 μl/well), the concentration of rhMD2 that produces 50% optimal binding response is found to be approximately 0.03 - 0.15 μg/mL.
Molecular Mass	Recombinant Human TLR4, Ser & His-tagged has a calculated MW of 70.6 kDa. In SDS-PAGE migrates as 90-95 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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
MIM	
UniProt ID	O00206
Chromosome Location	9q33.1

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