

## Recombinant Human TLR4 protein, His-tagged

Cat. No. TLR4-2262H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TLR4 protein(Met 1-Lys631) (O00206-1) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-631 aa
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
<b>Molecular Mass</b>	The secreted recombinant human TLR4 consists of 619 amino acids and predicts a molecular mass of 70.5 KDa. The apparent molecular mass of the protein is approximately 68 Kda in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 87 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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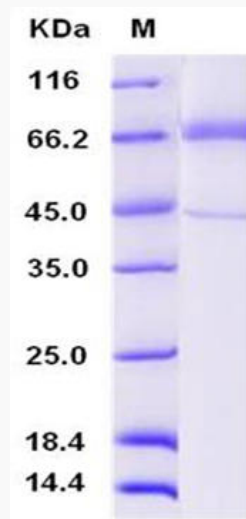
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## GENE INFORMATION

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

### SDS-PAGE



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