

Recombinant Human TLR4 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TLR4 protein(Met 1-Lys631) (O00206-1) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-631 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 87 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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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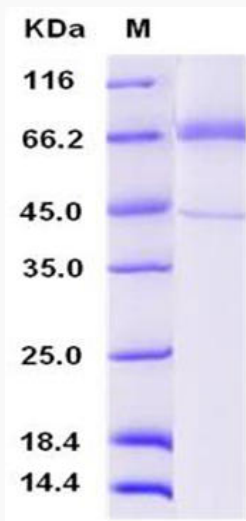
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 45-1 Ramsey Road, Shirley, NY 11967, USA

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

SDS-PAGE



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