

## Recombinant Rat Tlr2 protein, His-tagged

**Cat. No.** Tlr2-7498R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tlr2 protein(Q6YGU2)(Met1-Gln587), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Rat
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Gln587
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat TLR2 consists of 597 amino acids and predicts a molecular mass of 67.5 KDa. It migrates as an approximately 60 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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.

## GENE INFORMATION

<b>Gene Name</b>	Tlr2 toll-like receptor 2 [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	Tlr2
<b>Synonyms</b>	TLR2; toll-like receptor 2; toll-like receptor 2 variant 1; toll-like receptor 2 variant 2;
<b>Gene ID</b>	310553
<b>mRNA Refseq</b>	NM_198769
<b>Protein Refseq</b>	NP_942064

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