

Recombinant Rat Tlr2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Tlr2 protein(Q6YGU2)(Met1-Gln587), fused with His tag, was expressed in Insect Cells.
Species	Rat
Source	Insect Cells
ProteinLength	Met1-Gln587
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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

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