

## Recombinant Mouse Tlr2 protein, His-tagged

**Cat. No.** Tlr2-7396M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Tlr2 protein(Q9QUN7)(Met1-Gln587), fused with His tag, was expressed in Insect Cells.                                                                                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                        |
| <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. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant mouse TLR2 consists of 573 amino acids and has a calculated molecular mass of 64.8 kDa. The recombinant protein migrates as an approximately 65 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<br>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 [ Mus musculus ] |
|------------------|--------------------------------------------|

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | Tlr2 |
|------------------------|------|

|                 |                                    |
|-----------------|------------------------------------|
| <b>Synonyms</b> | TLR2; toll-like receptor 2; Ly105; |
|-----------------|------------------------------------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 24088 |
|----------------|-------|

|                    |           |
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| <b>mRNA Refseq</b> | NM_011905 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_036035 |
|-----------------------|-----------|

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