

# Mouse TLR3 / CD283 (His Tag) recombinant protein



Catalog Number: 501025

## General Information

### Protein Construction

A DNA sequence encoding the soluble form of mouse TLR3 (NP\_569054.2) extracellular domain (Cys 29-Leu 705) was fused with a signal peptide at the N-terminus and a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Cys 29

### Molecular Mass

The secreted recombinant mouse TLR3 consists of 688 amino acids and has a calculated molecular

mass of 78 kDa. The recombinant protein migrates as an approximately 75-80 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10% glycerol, pH 8.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

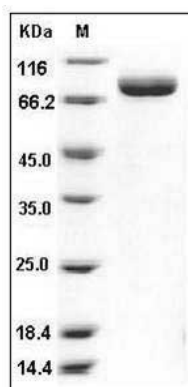
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse TLR3 / CD283 Protein (His Tag) SDS-PAGE