

# Mouse CLEC4N/CLEC4N (His Tag) recombinant protein



Catalog Number: 502603

## General Information

### Protein Construction

A DNA sequence encoding the mouse CLEC4N (NP\_064385.1) extracellular domain (Ile 44-Leu 209) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to agglutinate human red blood cells. Mouse CLEC4N at 25 µg/ml could agglutinate 1 % HRBC.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ile 44

### Molecular Mass

The recombinant mouse CLEC4N comprises 177 amino acids with a predicted molecular mass of 20.9 kDa. As a result of glycosylation, it migrates as an approximately 23 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

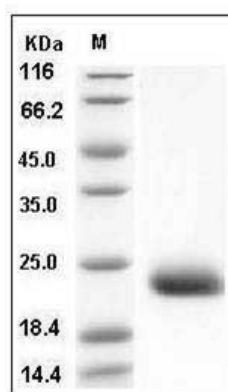
### Storage

Store it under sterile conditions at -20°C to -80°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 CLEC4N / CLEC6A / Dectin-2 Protein (His Tag) SDS-PAGE