# 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  $\mu$ g/ml could agglutinate 1 % HRBC.

## **Purity**

> 97 % as determined by SDS-PAGE

#### Endotoxin

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

#### **Stability**

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

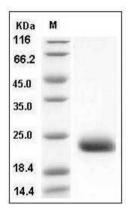
# **Storage**

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