

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

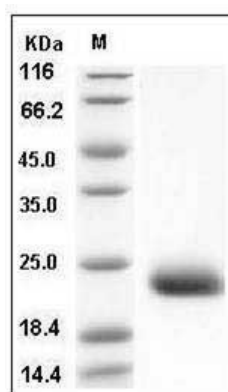
Storage

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