

# Recombinant Mouse CLEC7A/Dectin-1/CD369 Protein

Catalog No.: RP03161

## Sequence Information

|                   |                |
|-------------------|----------------|
| <b>Species</b>    | <b>Gene ID</b> |
| Mouse             | 56644          |
| <b>Swiss Prot</b> | <b>Tags</b>    |
| Q6QLQ4            | N-hFc          |

### Synonyms

Beta-glucan receptor; DC-associated C-type lectin 1; Dectin-1; Dectin1; CD369; BGR; CLECSF12; DECTIN1; CANDF4

## Product Information

|               |                                                                |
|---------------|----------------------------------------------------------------|
| <b>Source</b> | <b>Purification</b>                                            |
| HEK293 cells  | ≥ 95 % as determined by SDS-PAGE; ≥95 % as determined by HPLC. |

### Calculated MW/Observed MW

46.08 kDa      55-65 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

Dendritic cell-associated C-type lectin-1 (Dectin-1), also known as β-glucan receptor is an emerging pattern recognition receptor (PRR) which belongs to the family of C-type lectin receptor (CLR). Dectin-1 signaling axis has been suggested to be targeted as an effective therapeutic strategy for cancers. Dectin-1 has also been elucidated ascetically in the heart, respiratory, intestinal, neurological and developmental disorders.

## Basic Information

### Description

Recombinant Mouse CLEC7A/Dectin-1/CD369 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly71-Leu244) of mouse CLEC7A (Accession #Q6QLQ4) fused with a hFc tag at the N-terminus.

### Activity

### Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

### Storage

Store at -20°C

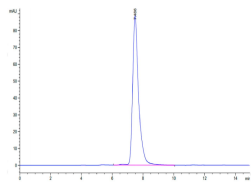
### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

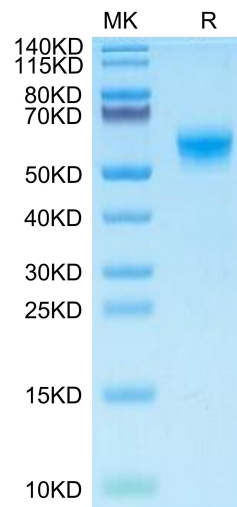
## Contact

|                                                                                     |  |                                                                          |
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Validation Data



The purity of Mouse CLEC7A is greater than 95% as determined by SEC-HPLC.



Recombinant Mouse CLEC7A/Dectin-1/CD369 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.