

# Recombinant Mouse Clec4n protein(Ile44-Leu209), His-tagged

**Cat. No.** Clec4n-2286M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse CLEC4N (NP_064385.1) (Ile 44-Leu 209) was expressed in HEK293, with a C-terminal polyhistidine tag.                                                                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 44-209 a.a.                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | 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.                            |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                  |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                        |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Clec4n C-type lectin domain family 4, member n \[ Mus musculus \]](#)

**Official Symbol** [Clec4n](#)

**Synonyms** CLEC4N; C-type lectin domain family 4, member n; C-type lectin domain family 6 member A; dectin-2; DC-associated C-type lectin 2; natural killer complex lectin; C-type lectin superfamily member 10; dendritic cell-associated C-type lectin 2; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 10; Nkcl; Clec6a; Clecsf10;

**Gene ID** [56620](#)

**mRNA Refseq** [NM\\_001190320](#)

**Protein Refseq** [NP\\_001177249](#)

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