

## Recombinant Rat Clec4d, Fc tagged

**Cat. No.** Clec4d-16R    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Rat Clec4d (Q69FH1) (Trp48-Lys218), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.                                                                                                     |
| <b>Species</b>              | Rat                                                                                                                                                                                                                                        |
| <b>Source</b>               | Human Cells                                                                                                                                                                                                                                |
| <b>ProteinLength</b>        | 48-218 a.a.                                                                                                                                                                                                                                |
| <b>Predicted N Terminal</b> | Glu                                                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                                                            |
| <b>Molecular Mass</b>       | The recombinant rat CLEC4D comprises 431 amino acids and predicts a molecular mass of 48.4 kDa. The apparent molecular mass of the recombinant protein is approximately 53 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                            |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE                                                                                                                                                                                                            |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                  |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                                                                       |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                  |                                                                      |
|------------------|----------------------------------------------------------------------|
| <b>Gene Name</b> | Clec4d C-type lectin domain family 4, member D [ Rattus norvegicus ] |
|------------------|----------------------------------------------------------------------|

|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | Clec4d |
|------------------------|--------|

|                |        |
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| <b>Gene ID</b> | 362432 |
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|--------------------|--------------|
| <b>mRNA Refseq</b> | NM_001003707 |
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| <b>Protein Refseq</b> | NP_001003707 |
|-----------------------|--------------|

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