

# Recombinant Rat Clec4b2 Protein, His-tagged

**Cat. No.** Clec4b2-1097R    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant rat CLEC4B2 (Q67DU9) (Met44-Leu208) was expressed with a polyhistidine tag at the N-terminus.                                                                                                          |
| <b>Species</b>              | Rat                                                                                                                                                                                                                |
| <b>Source</b>               | HEK293                                                                                                                                                                                                             |
| <b>ProteinLength</b>        | 44-208 a.a.                                                                                                                                                                                                        |
| <b>Predicted N Terminal</b> | His                                                                                                                                                                                                                |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                                                                |
| <b>Molecular Mass</b>       | The recombinant rat CLEC4B2 comprises 185 amino acids and has a predicted molecular mass of 21.8 kDa. The apparent molecular mass of the protein is approximately 31-36 kDa 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>               | >85 % as determined by SDS-PAGE.                                                                                                                                                                                   |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                                          |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                          |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| <b>Gene Name</b> | Clec4b2 C-type lectin domain family 4, member B2 [ Rattus norvegicus ] |
|------------------|------------------------------------------------------------------------|

|                        |         |
|------------------------|---------|
| <b>Official Symbol</b> | Clec4b2 |
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|-----------------|-------------------------------------------------------------------------|
| <b>Synonyms</b> | Aplra1; antigen presenting cell lectin-like receptor A1; immunoreceptor |
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| <b>Gene ID</b> | 450222 |
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| <b>mRNA Refseq</b> | NM_001005896 |
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| <b>Protein Refseq</b> | NP_001005896 |
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| <b>MIM</b> |  |
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| <b>UniProt ID</b> |  |
|-------------------|--|

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|----------------------------|------|
| <b>Chromosome Location</b> | 4q42 |
|----------------------------|------|

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