

## Recombinant Rat CLEC1A Protein, Fc-tagged

**Cat. No.** CLEC1A-1090R    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant rat CLEC1A (D3ZGU3) (Gln73-Gln269) was expressed, fused with Fc region of human IgG1 at the N-terminus.                                       |
| <b>Species</b>              | Rat                                                                                                                                                       |
| <b>Source</b>               | HEK293                                                                                                                                                    |
| <b>ProteinLength</b>        | 73-269 a.a.                                                                                                                                               |
| <b>Predicted N Terminal</b> | Glu                                                                                                                                                       |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                       |
| <b>Molecular Mass</b>       | The recombinant rat CLEC1A comprises 457 amino acids and predicts a molecular mass of 51.6 kDa.                                                           |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                           |
| <b>Purity</b>               | >90 % 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. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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> | Clec1a C-type lectin domain family 1, member A [ <i>Rattus norvegicus</i> ] |
|------------------|-----------------------------------------------------------------------------|

|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | CLEC1A |
|------------------------|--------|

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | CLEC1A; C-type lectin domain family 1, member A; C-type lectin domain family 1 member A; RGD1566110; |
|-----------------|------------------------------------------------------------------------------------------------------|

|                |        |
|----------------|--------|
| <b>Gene ID</b> | 500337 |
|----------------|--------|

|                    |              |
|--------------------|--------------|
| <b>mRNA Refseq</b> | NM_001109253 |
|--------------------|--------------|

|                       |              |
|-----------------------|--------------|
| <b>Protein Refseq</b> | NP_001102723 |
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|            |  |
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| <b>MIM</b> |  |
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|                   |  |
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| <b>UniProt ID</b> |  |
|-------------------|--|

|                 |                         |
|-----------------|-------------------------|
| <b>Function</b> | binding; sugar binding; |
|-----------------|-------------------------|

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