

## Recombinant Rat Clec14a protein(Met1-Thr398), hFc-tagged

Cat. No. Clec14a-15R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat CLEC14A (NP_001014099.1)(Met1-Thr398) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr398
<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 Rat CLEC14A/Fc is a disulfide-linked homodimer. The reduced monomer comprises 618 amino acids and has a predicted molecular mass of 67.6 kDa. The apparent molecular mass of the protein is approximately 110 and 37 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>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.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Clec14a C-type lectin domain family 14, member A \[ Rattus norvegicus \]](#)

**Official Symbol** [Clec14a](#)

**Synonyms** CLEC14A; C-type lectin domain family 14, member A; C-type lectin domain family 14 member A; RGD1306232;

**Gene ID** [314148](#)

**mRNA Refseq** [NM\\_001014077](#)

**Protein Refseq** [NP\\_001014099](#)

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