

## Recombinant Mouse Thy1 protein, His-tagged

**Cat. No.** Thy1-3299M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Thy1 protein(NP_033408.1)(Met1-Cys131), fused with His tag, was expressed in HEK293.                                                                                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Cys131                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant mouse THY1 consists of 123 amino acids and has a predicted molecular mass of 14.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm THY1 is approximately 20-27 kDa 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>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>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** Thy1 thymus cell antigen 1, theta [ Mus musculus ]

**Official Symbol** Thy1

**Synonyms** THY1; thymus cell antigen 1, theta; thy-1 membrane glycoprotein; Thy 1.2; thy-1 antigen; T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2;

**Gene ID** 21838

**mRNA Refseq** NM\_009382

**Protein Refseq** NP\_033408

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