

## Recombinant Rat Thy1 protein(Met1-Lys129), His-tagged

**Cat. No.** Thy1-8780R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat THY1 (P01830) (Met1-Lys129) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-129 a.a.
<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 THY1 comprises 121 amino acids and predicts a molecular mass of 14.1 kDa. The apparent molecular mass of the recombinant protein is approximately 27-29 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>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** Thy1 Thy-1 cell surface antigen [ *Rattus norvegicus* ]

**Official Symbol** Thy1

**Synonyms** THY1; Thy-1 cell surface antigen; thy-1 membrane glycoprotein; Thy-1 protein; thy-1 antigen; thy-1 glycoprotein; Thymus cell surface antigen; thymus cell antigen 1, theta; CD7;

**Gene ID** 24832

**mRNA Refseq** NM\_012673

**Protein Refseq** NP\_036805

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