

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

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

SPECIFICATION

Product Overview	Recombinant Rat THY1 (P01830) (Met1-Lys129) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-129 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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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