

Recombinant Mouse Thy1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Thy1 protein(NP_033408.1)(Met1-Cys131), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Cys131
Form	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.
Molecular Mass	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.
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 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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