

## 37-1173: Mouse CD90 / THY-1 Recombinant Protein (His Tag)(Discontinued)

**Reactivity :** Mouse  
**Alternative Name :** CD90 Protein, Mouse; T25 Protein, Mouse; Thy-1 Protein, Mouse; Thy-1.2 Protein, Mouse; Thy1.1 Protein, Mouse; Thy1.2 Protein, Mouse

### Description

#### Source : HEK293 Cells

Thy-1 membrane glycoprotein, also known as Thy-1 antigen, CD9 and THY1, is a cell membrane protein which contains 1 Ig-like V-type (immunoglobulin-like) domain. It is a glycoposphatidylinositol-linked glycoprotein expressed on the surface of neurons, thymocytes, subsets of fibroblasts, endothelial cells, mesangial cells and some hematopoietic cells. It has been identified on a variety of stem cells and at varying levels in non-lymphoid tissues such as on fibroblasts, brain cells, and activated endothelial cells. Thy-1 is evolutionarily conserved, developmentally regulated, and often has dramatic effects on cell phenotype. Thy-1 is a 25-37 kDa glycosylphosphatidylinositol (GPI)-anchored protein involved in T cell activation, neurite outgrowth, apoptosis, tumor suppression, wound healing, and fibrosis. To mediate these diverse effects, Thy-1 participates in multiple signaling cascades. Thy-1 is an important regulator of cell-cell and cell-matrix interactions, with important roles in nerve regeneration, metastasis, inflammation, and fibrosis.

### Product Info

**Amount :** 1 Recombinant Protein (His Tag)(Discontinued) / 50 µg  
**Purification :** > 95 % as determined by SDS-PAGE  
**Content :** Formulation Lyophilized from sterile PBS, pH 7.4  
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.  
**Storage condition :** 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.  
**Amino Acid :** Met1-Cys131

### Application Note

Endotoxin : < 1.0 EU per µg of the protein as determined by the LAL method

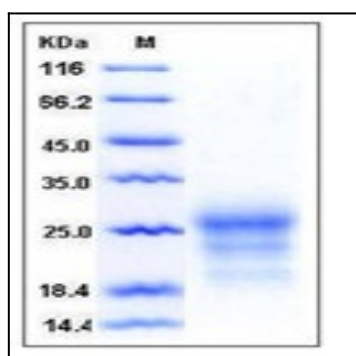


Fig 1: Mouse CD90 / THY-1 Recombinant Protein (His Tag)