## 37-1153: Human CD90 / THY-1 Recombinant Protein (Fc Tag)(Discontinued)

## Reactivity: Human

Alternative Name : CD90 Protein,

## 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 lg like V-type (immunoglobulin-like) domain. It is a glycophosphatidylinositol-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 $25-37 \mathrm{kDa}$ 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 :
Purification :

## Content :

## Storage condition :

Amino Acid :

1 Recombinant Protein (Fc Tag)(Discontinued) / $250 \mu \mathrm{~g}$
> $95 \%$ as determined by SDS-PAGE.
Formulation Lyophilized from sterile PBS, pH 7.4.
Normally $5 \%-8 \%$ trehalose, mannitol and $0.01 \%$ Tween80 are added as protectants before lyophilization.
Store it under sterile conditions at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Met1-Cys130

## Application Note

Endotoxin :< 1.0 EU per Â Hg protein as determined by the LAL method.


Fig 1: Human CD90 / THY-1 Recombinant Protein (Fc Tag)

