

Thy1/CD90 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P74517
Synonyms:	Thy-1 membrane glycoprotein; CDw90; Thy-1 antigen; CD90
Species:	Human
Source:	HEK293
Accession:	P04216 (Q20-C130)
Gene ID:	7070
Molecular Weight:	Approximately 39.3 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The Thy1/CD90 protein appears to be involved in cell-cell or cell-ligand interactions, particularly during significant events such as synaptogenesis in the brain. This suggests a potential role for Thy1/CD90 in facilitating communication and connections between cells, contributing to the intricate processes associated with the formation and organization of synapses. The specific engagement of Thy1/CD90 in these interactions underscores its potential significance in shaping the architecture and functionality of neural networks. Further exploration into the precise mechanisms through which Thy1/CD90 participates in cell-cell or cell-ligand interactions during various neurodevelopmental events could offer valuable insights into its role in brain function and connectivity.
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Caution: Product has not been fully validated for medical applications. For research use only.

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