

## Product datasheet for **TP762627**

### CD90 (THY1) (NM\_006288) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Thy-1 cell surface antigen (THY1), full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of THY1
Tag:	N-GST and C-HIS
Predicted MW:	17.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_006279</a>
Locus ID:	7070
UniProt ID:	<a href="#">P04216</a> , <a href="#">B0YJA4</a>
RefSeq Size:	2413
Cytogenetics:	11q23.3
RefSeq ORF:	483
Synonyms:	CD90; CDw90



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**Summary:**

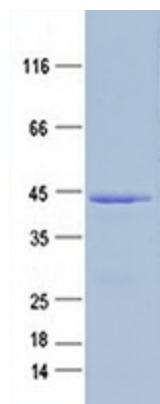
This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

**Protein Families:**

ES Cell Differentiation/IPS

**Protein Pathways:**

Leukocyte transendothelial migration

**Product images:**

Purified recombinant protein THY1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.