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32-8377: Recombinant Human Thy-1 Membrane Glycoprotein/THY1/CD90(Discontinued)

Gene : THY1
Gene ID : 7070
Uniprot ID : P04216

Description

Source: E.coli.
MW :12.4kD.
Recombinant Human Thymus cell antigen 1 is produced by our E.coli expression system and the target gene encoding Gln20-Lys129 is expressed. Thy-1 membrane glycoprotein(THY1)is a 141 amino acids protein that contains 1 Ig-like V-type domain. Thy-1 is a 25Â–37 kDa heavily N-glycosylated, glycophosphatidylinositol (GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. Thy-1 can be used as a marker for a variety of stem cells and for the axonal processes of mature neurons. Structural study of Thy-1 lead to the foundation of the Immunoglobulin superfamily, of which it is the smallest member, and led to some of the initial biochemical description and characterization of a vertebrate GPI anchor and also the first demonstration of tissue specific differential glycosylation. It may play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.

Product Info

Amount :	1 Membrane Glycoprotein/THY1/CD90 / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	QKVTSLTACLVDQSLRLDCRHENTSSSPIQYEFSLTRETKKHVLFGTVGVPEHTYRSRTNFTSKYNMKVLYLSAF TSKDEGTYTCALHHSGHSPPISSQNVTVLRDKLVK

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.