Thy-1 (human):Fc (human), (recombinant)

Human Thy-1 is a glycosyl phosphatidylinositol (GPI)- anchored glycoprotein of the immunoglobulin superfamily expressed in various cell types, particularly in cells of the neuronal system, activited microvascular endothelial cells, fibroblasts and blood stem cells. Thy-1 is involved in cell adhesion. Human Thy-1 interacts with the integrin αvβ3 (CD51/CD61) and Mac-1 (CD11b/CD18). In astrocytes, binding of Thy-1 to beta3-integrin promotes focal adhesion formation. Historical results have shown that human Thy-1 binds to human αvβ3 integrin.

Citations: 3 View Online »

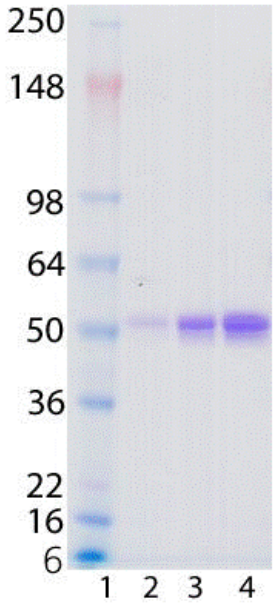
Ordering Information

Order Online »

ALX-522-091-C050	50µg

Manuals, SDS & CofA

View Online »



SDS-PAGE analysis of Prod. No. ALX-522-091: Lane 1: MW marker, Lane 2: 0.1, Lane 3: 0.5, Labe 4: 1 µg Thy-1 (human):Fc (human), (recombinant).

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CD90
Concentration	1mg/ml after reconstitution.
Endotoxin Content	<0.1EU/µg purified protein (LAL test; Bio Whittaker).
Formulation	Lyophilized. Contains PBS.
Purity	≥90% (SDS-PAGE)
Reconstitution	Reconstitute with 50µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Source	Produced in HEK 293 cells. The extracellular domain of human Thy-1 (aa 20-130) is fused to the Fc portion of human IgG1.
UniProt ID	P04216

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.