32-13123: CD90 Human

Alternative Name : Thy-1 Cell Surface Antigen, Thy-1 Antigen, CDw90, Thy-1 Membrane Glycoprotein, Thy-1 T-Cell Antigen, CD90 Antigen, CD90, THY1.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
Thy-1 membrane glycoprotein (CD90) is a cell membrane protein which contains one lg-like V-type (immunoglobulin-like) domain. CD90 protein belongs to the immunoglobulin superfamily of adhesion molecules with constitutive expression on fibroblast cells. CD90 protein is involved in cell adhesion and cell communication in numerous cell types, predominantly in cells of the immune and nervous systems. CD90 may also have a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. CD90 can be used as a marker for various stem cells and for the axonal processes of mature neurons. CD90 may serve as a tumor suppressor in nasopharyngeal carcinoma.
CD90 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 117 amino acids (20-130a.a.) and having a molecular mass of 13.3kDa (Molecular size on SDS-PAGE will appear at approximately 13.5-28kDa).CD90 is fused with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CD90 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	QKVTSLTACL VDQSLRLDCR HENTSSSPIQ YEFSLTRETK KHVLFGTVGV PEHTYRSRTN FTSKYNMKVL YLSAFTSKDE GTYTCALHHS GHSPPISSQN VTVLRDKLVK CHHHHHH.