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32-1700: CD4 (125-202) Recombinant Protein

Alternative Name : gp55,HLA-2,L3 / T4,Ly-4,T cell antigen T4/LEU3,T4,sCD4.

Description

Source : Escherichia Coli. CD-4 Human Recombinant is fused with a 4kDa His Tag and encoding amino acids 125-202, having a total molecular weight of 19 kDa. CD4, a single chain transmembrane glycoprotein, is found on a T cell subset (helper/inducer) representing 45% of peripheral blood lymphocytes. It is also present on 80% of thymocytes and at a lower level on monocytes. It is involved in recognition of antigen presented along with MHC class II by APCs. It serves as receptor for HIV. Antibody to CD4 recognizes T-helper cells required for recognition of class II antigens. It reacts with ~60% of peripheral blood E rosette-positive (E+) cells while showing negligible reactivity with E- cells, monocytes, granulocytes, EBV-transformed B cell lines, and mouse splenocytes.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	Each mg contains 1X PBS.
Storage condition :	Store vial at -20oC to -80oC. When stored at the recommended temperature, this protein is stable for 12 months. Please avoid freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized CD-4 (125-202) in sterile 18MÃ‚Â©-cm H2O not less than 100Ã‚Âµg/ml, which can then be further diluted to other aqueous solutions.

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