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32-1701: CD4 (203-317) 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 His Tag protein encoding 203-317 amino acids. 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
Content :	Each mg contains 1X PBS, 0.1% SDS and 1mM DTT.
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 (203-317)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.