



Product Datasheet

Product Name	CD-4 (411-459 a.a.) Human Recombinant
Cata No	CB500216
Source	<i>Escherichia Coli.</i>
Synonyms	gp55, HLA-2, L3 / T4, Ly-4, T cell antigen T4/LEU3, T4, sCD4.

Description

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.

CD-4 Human Recombinant encoding 411-459 amino acids.

Physical Appearance

Sterile filtered liquid.

Formulation

Recombinant Human CD-4 protein at 100µg/ml in 50mM Tris-Acetate, pH-7.5, 1mM EDTA and 20% Glycerol.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Please avoid freeze-thaw cycles.

Applications

- ELISA
- Inhibition Assays
- Western Blotting