

Recombinant Human CD-4

Cat. No. CDA078P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD-4 protein encoding a.a. 26-226 expressed in E.coli,48kDa.
Species	Human
Source	E.coli
ProteinLength	26-226 a.a.
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.
Presentation	Recombinant Human CD-4 protein at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	•ELISA•Inhibition Assays •Western Blotting
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 48kDa.

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Storage

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

GENE INFORMATION**Synonyms**

CD4mut; CD4 antigen; CD4 antigen (p55); CD4 molecule; CD4 receptor; T-cell surface antigen T4/Leu-3; CD4.

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