

Recombinant Human CD-7

Cat. No. CDA079P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full length CD-7 protein expressed in E.coli, 66 kDa.
Species	Human
Source	E.coli
Description	CD7 (gp40, Leu9) is a member of the immunoglobulin gene superfamily. Its N-terminal amino acids 1-107 are highly homologous to Ig kappa-L chains whereas the carboxy-terminal region of the extracellular domain is proline-rich and has been postulated to form a stalk from which the Ig domain projects. CD7 is expressed on the majority of immature and mature T-lymphocytes, and T cell leukemia. It is also found on natural killer cells, a small subpopulation of normal B cells and on malignant B cells. Cross-linking surface CD7 positively modulates T cell and NK cell activity as measured by calcium fluxes, expression of adhesion molecules, cytokine secretion and proliferation. CD7 associates directly with phosphoinositol 3"-kinase. CD7 ligation induces production of D-3 phosphoinositides and tyrosine phosphorylat
Presentation	Recombinant Human CD-7 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 66 kDa.

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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.

Full Length

Full L.

GENE INFORMATION

Synonyms

CD7; GP40; LEU-9; TP41; Tp40; GP40; LEU-9; Leu-9; CD7 antigen; CD7 antigen (p41); CD7 molecule; T-cell antigen CD7; T-cell leukemia antigen; p41 protein.

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