

## Recombinant Human CD-7

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human full length CD-7 protein expressed in E.coli,66 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>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</p>
<b>Presentation</b>	Recombinant Human CD-7 protein at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
<b>Applications</b>	•ELISA•Inhibition Assays •Western Blotting
<b>Characterization</b>	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 66 kDa.

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<b>Storage</b>	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.
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<b>Full Length</b>	Full L.
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## GENE INFORMATION

<b>Synonyms</b>	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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