

## Active Recombinant Human CD7 protein, IFc-tagged

Cat. No. CD7-3010H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD7 protein(Ala 26-Pro 180), fused with IFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala 26-Pro 180
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human CD7, Llama IgG2b Fc Tag, low endotoxin at 5 µg/mL (100 µL/well) can bind Human SECTM1, His Tag with a linear range of 10-39 ng/mL. Please note that there may be a cross-reaction between anti-human IgG Fc antibodies and llama IgG Fc tag, also between anti-llama IgG Fc antibodies and human IgG Fc tag.
<b>Molecular Mass</b>	This protein carries a llama IgG2b Fc tag at the N-terminus. The protein has a calculated MW of 44.3 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 0.01 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

CD7 CD7 molecule [ Homo sapiens ]

**Official Symbol**

CD7

**Synonyms**

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

**Gene ID**

924

**mRNA Refseq**

NM\_006137

**Protein Refseq**

NP\_006128

**MIM**

186820

**UniProt ID**

P09564

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