

Recombinant Human CD7 protein, His-Avi-tagged

Cat. No. CD7-032H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD7 protein(P09564)(Ala26-Pro180), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala26-Pro180
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD7, His Tag at 0.5ug/ml (100ul/Well) on the plate. Dose response curve for Anti-CD7 Antibody, hFc Tag with the EC50 3.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.3 kDa. Due to glycosylation, the protein migrates to 34-48 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

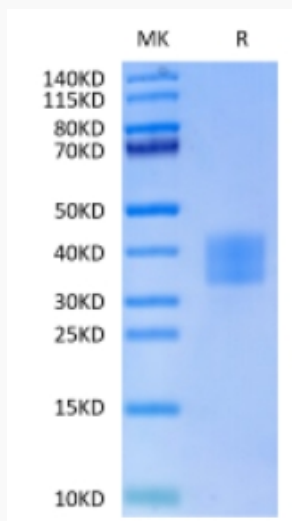
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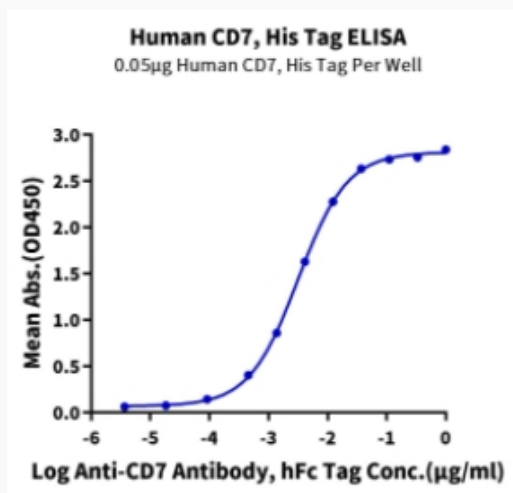
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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