Active Recombinant Human CD7 protein, His-Avi-tagged, PE-Labeled

Cat. No. CD7-3634HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PE-Labeled Active Recombinant Human CD7 protein(P09564)(Ala26-Pro180) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	26-180 aa
Conjugation/Label	PE
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Wavelength	Excitation Wavelength: 488 nm / 561 nm Emission Wavelength: 575 nm
Bio-activity	Immobilized PE-Labeled Human CD7, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-CD7 Antibody, hFc Tag with the EC50 of 9.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.3 kDa. Due to glycosylation, the protein migrates to 32-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.

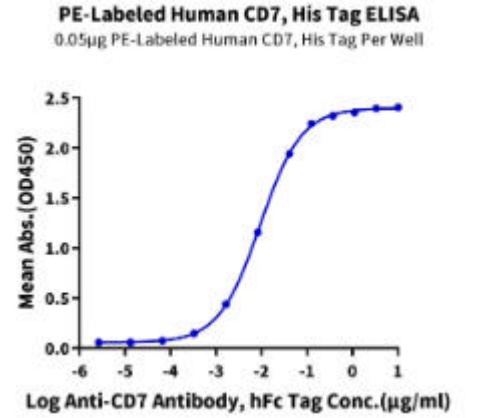
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Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	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

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ELISA Data	

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