

Active Recombinant Human CD7 protein, Fc-tagged, FITC-Labeled

Cat. No. CD7-3005H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human CD7 protein(Ala 26-Pro 180), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 26-Pro 180
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-CD7 antibody, Mouse IgG1 at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human CD7, Fc Tag with a linear range of 39-156 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 42.9 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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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.

Conjugation

FITC

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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