

Active Recombinant Human CD7 Protein, His-tagged, Site-specific PE-Labeled

Cat. No. CD7-3004H Lot. No. (See product label)

SPECIFICATION

Product Overview	Site-specific PE-Labeled Active Recombinant Human CD7 Protein(P09564-1)(Ala 26 - Pro 180), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 26 - Pro 180
Tag	C-His
Conjugation/Label	Site-specific PE
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	5e5 of anti-CD7 CAR-293 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of PE-Labeled Human CD7 Protein, His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity.
Molecular Mass	The protein has a calculated MW of 20.0 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower.
 Please protect from light and 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 6 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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