

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

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

### SPECIFICATION

|                          |                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | 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.                                                                                                           |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                        |
| <b>Source</b>            | HEK293                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>     | Ala 26 - Pro 180                                                                                                                                                                                                                                             |
| <b>Tag</b>               | C-His                                                                                                                                                                                                                                                        |
| <b>Conjugation/Label</b> | Site-specific PE                                                                                                                                                                                                                                             |
| <b>Form</b>              | Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.                                                                                                                                                             |
| <b>Bio-activity</b>      | 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. |
| <b>Molecular Mass</b>    | The protein has a calculated MW of 20.0 kDa.                                                                                                                                                                                                                 |
| <b>Storage</b>           | 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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