

# Active Recombinant Human CD4 Protein, His-tagged, Site-specific PE-Labeled

**Cat. No.** CD4-4658H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Site-specific PE-Labeled Active Recombinant Human CD4 Protein(P01730-1)(Lys 26 - Pro 396), fused with C-terminal His tag, was expressed in HEK293.                                                                                                   |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                |
| <b>Source</b>            | HEK293                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>     | Lys 26 - Pro 396                                                                                                                                                                                                                                     |
| <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.                                                                                                                                                                                  |
| <b>Bio-activity</b>      | 5e5 of anti-CD4 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 CD4, 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 45.0 kDa.                                                                                                                                                                                                         |
| <b>Storage</b>           | For long term storage, the product should be stored at lyophilized state at -20°C or lower.<br>Please protect from light and avoid repeated freeze-thaw cycles.                                                                                      |

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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** CD4 CD4 molecule [ Homo sapiens ]

**Official Symbol** CD4

**Synonyms**

CD4; CD4 molecule; CD4 antigen (p55) , T cell surface glycoprotein CD4; T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3; CD4mut;

**Gene ID** 920

**mRNA Refseq** NM\_000616

**Protein Refseq** NP\_000607

**MIM** 186940

**UniProt ID** P01730

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