

## Active Recombinant Human CD4 protein, His-tagged

**Cat. No.** CD4-327H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD4(Lys26-Gln390), fused with His tag, was expressed in HEK293.                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Lys26-Gln390                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.                                                                                                                                                                |
| <b>Bio-activity</b>     | When Recombinant Human CD4/His Protein is immobilized at 2µg/mL (100 µL/well), the concentration of Recombinant Anti-Human CD4 (Ibalizumab) that produces 50% of the optimal binding response is approximately 70 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 42kDa. The reducing (R) heterodimer protein migrates as 40-60 kDa due to glycosylation                                                                                                |
| <b>Endotoxin</b>        | <1EU/mg                                                                                                                                                                                                                  |
| <b>Purity</b>           | SDS-PAGE>95%, SEC>95%                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                                                                          |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                 |

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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

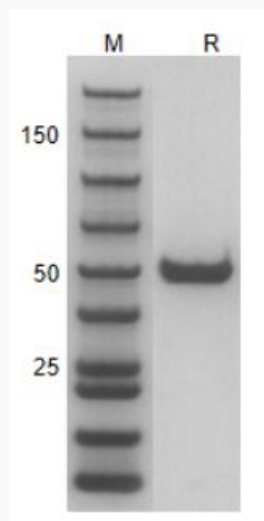
**UniProt ID** P01730

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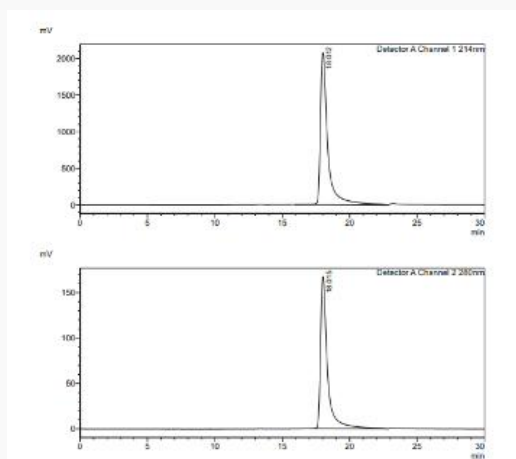
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## SDS-PAGE



## SDS-HPLC

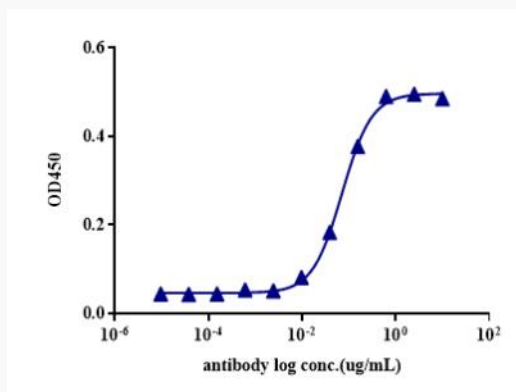


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## ELISA



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