

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Lys 26 - Pro 396
Tag	C-His
Conjugation/Label	Site-specific PE
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4.
Bio-activity	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.
Molecular Mass	The protein has a calculated MW of 45.0 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. 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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