

Active Recombinant Human CD4 protein (Lys26-Pro396), hFc-tagged, FITC-Labeled

Cat. No. CD4-017H Lot. No. (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human CD4 protein (Lys26-Pro396)(P01730), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys 26 - Pro 396
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Ibalizumab (Human IgG4) at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human CD4, Fc Tag with a linear range of 20-313 ng/mL.
Molecular Mass	The protein has a calculated MW of 67.7 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
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. 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.

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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.
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Conjugation	FITC
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GENE INFORMATION

Gene Name	CD4 CD4 molecule [Homo sapiens]
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Official Symbol	CD4
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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
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Gene ID	920
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mRNA Refseq	NM_000616
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Protein Refseq	NP_000607
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MIM	186940
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UniProt ID	P01730
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