

Active Recombinant Human CD4 protein, His-tagged

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

SPECIFICATION

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

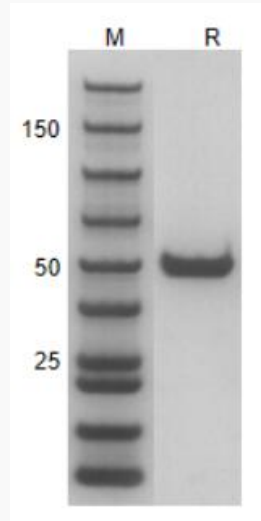
Gene Name	CD4 CD4 molecule [Homo sapiens]
Official Symbol	CD4
Synonyms	CD4; CD4 molecule; CD4 antigen (p55) , T cell surface glycoprotein CD4; T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3; CD4mut;
Gene ID	920
mRNA Refseq	NM_000616
Protein Refseq	NP_000607
MIM	186940
UniProt ID	P01730

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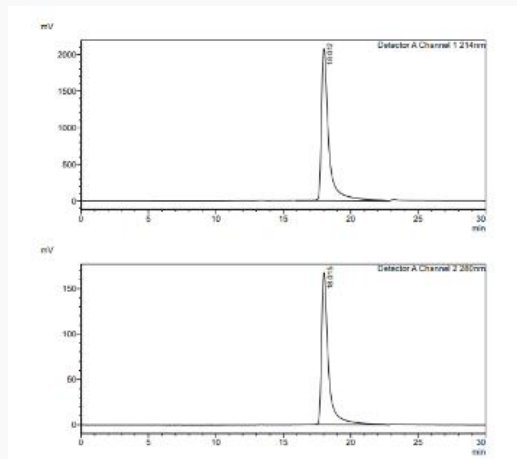
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SDS-PAGE



SDS-HPLC

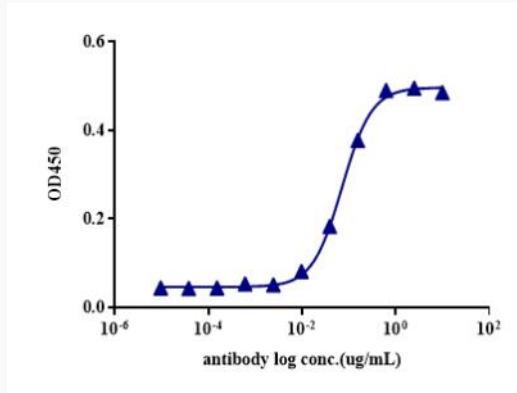


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ELISA



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