Active Recombinant Human CD4 Protein (Lys 26 - Pro 396), His & Avi-tagged, Biotinylated

Cat. No. CD4-313H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD4 Protein, His & Avi-tagged, Biotinylated is expressed from human 293 cells (HEK293). It contains AA Lys 26 - Pro 396 (Accession # P01730-1). Predicted N-terminus: Lys 26.
Species	Human
Source	HEK293
ProteinLength	Lys 26 - Pro 396
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized HIV GP120 (HIV), His Tag at 5 μg/mL (100 μL/well) can bind Recombinant Human CD4 protein, His & Avi-tagged, Biotinylated with a linear range of 2-39 ng/mL (QC tested). Immobilized HIV GP120 (HIV), His Tag at 5 μg/mL (100 μL/well) can bind Recombinant Human CD4 protein, His & Avi-tagged, Biotinylated with a linear range of 2-78 ng/mL (Routinely tested).
Molecular Mass	45.0 kDa
Endotoxin	Less than 1.0 EU per μg by the LAL method.

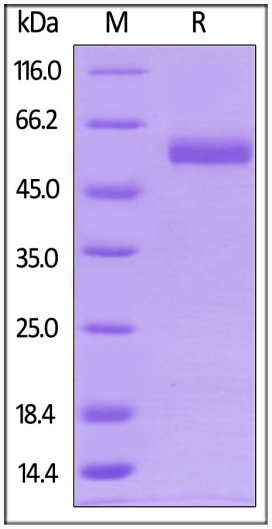
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Purity	>95% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD4 CD4 molecule [Homo sapiens]
Official Symbol	CD4
Synonyms	CD4; CD4 molecule; CD4 receptor; CD4 antigen (p55); CD4mut;
Gene ID	920
mRNA Refseq	NM_000616
Protein Refseq	NP_000607

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MIM	186940
UniProt ID	P01730
	

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