

Active Recombinant Human CD2 protein, His-Avi-tagged, Biotinylated

Cat. No. CD2-2951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD2 protein(Lys 25-Asp 209), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys 25-Asp 209
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human CD58, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human CD2, His,Avitag with a linear range of 0.2-1.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™)The protein has a calculated MW of 24.8 kDa. The protein migrates as 35-43 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 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.

Conjugation

Biotin

GENE INFORMATION

Gene Name

CD2 CD2 molecule [Homo sapiens]

Official Symbol

CD2

Synonyms

CD2; CD2 molecule; CD2 antigen (p50), sheep red blood cell receptor , SRBC; T-cell surface antigen CD2; LFA-3 receptor; rosette receptor; erythrocyte receptor; lymphocyte-function antigen-2; T-cell surface antigen T11/Leu-5; CD2 antigen (p50), sheep red blood cell receptor; T11; SRBC; LFA-2; FLJ46032;

Gene ID

914

mRNA Refseq

NM_001767

Protein Refseq

NP_001758

MIM

186990

UniProt ID

P06729

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