

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

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

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD2 protein(Lys 25-Asp 209), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys 25-Asp 209
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	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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