

Datasheet for ABIN7597427

## CD2 Protein (CD2) (AA 25-209) (His tag)



[Go to Product page](#)

### Overview

Quantity:	10 µg
Target:	CD2
Protein Characteristics:	AA 25-209
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant human CD2 Protein with C-terminal 10xHis tag
Sequence:	CD2(Lys25-Asp209) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	CD2
Alternative Name:	CD2 ( <a href="#">CD2 Products</a> )
Background:	<p>T11, SRBC, LFA-2</p> <p>The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this</p>

## Target Details

gene. [provided by RefSeq, Jun 2016]

Molecular Weight: predicted molecular mass of 22.6 kDa after removal of the signal peptide. The apparent molecular mass of CD2-His is 25-55 kDa due to glycosylation.

UniProt: [P06729](#)

## Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months