



[Go to Product page](#)

Datasheet for ABIN1880699  
**CD2 Protein (CD2) (AA 25-209) (His tag)**

Overview

Quantity:	50 µg
Target:	CD2
Protein Characteristics:	AA 25-209
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LFA-3 Receptor/CD2 (C-6His)
Sequence:	KEITNALETW GALGQDINLD IPSFQMSDDI DDIKWEKTSK KKKIAQFRKE KETFKEKDTY KLFKNGTLKI KHLKTDDQDI YKVSIDYDTKG KNVLEKIFDL KIQERVSKPK ISWTCINTTL TCEVMNGTDP ELNLYQDGKH LKLSQRVITH KWTTLSLAKF KCTAGNKVSK ESSVEPVSCP EKGLDVDHHH HHH
Characteristics:	Recombinant Human T-cell surface antigen CD2/CD2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Lys25-Asp209) of Human CD2 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

---

Target:	CD2
Alternative Name:	T-Cell Surface Antigen CD2/CD2 ( <a href="#">CD2 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>T-cell surface antigen CD2 is also known as Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5. It is a protein that in humans is encoded by the CD2 gene. It is a single-pass type I membrane protein. contains 1 Ig-like C2-type domain and 1 Ig-like V-type domain. T-cell surface antigen CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. It is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.</p> <p>Alternative Names: T-cell surface antigen CD2 is also known as Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5.</p>
Molecular Weight:	22.5 kDa
UniProt:	<a href="#">P06729</a>

## Application Details

---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months