CD2 recombinant protein

Human CD2 Protein, hFc Tag

CATALOG #	HOST
AAA47486	**HEK293 cells**

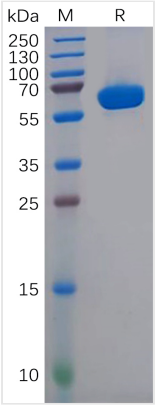
PRODUCT SYNONYMS

CD2; Human CD2 Protein; hFc Tag; LFA-2; SRBC; T11; CD2 recombinant protein

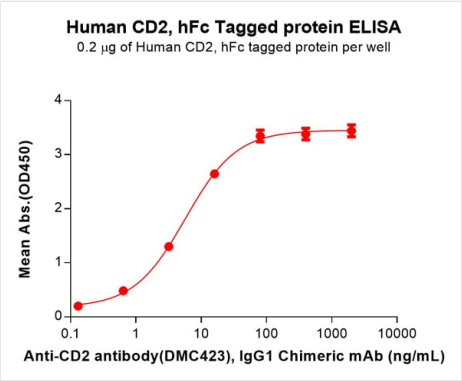
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>90%; affinity purification
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	CD2(Lys25- Asp209)+hF c(Glu99-Al a330)
Species	Human
Tag	C-Human Fc tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



SDS-PAGE
Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human CD2 Protein, hFc Tag (AAA47486) can bind Anti-CD2 antibody(DMC423), IgG1 Chimeric mAb in a linear range of 0.64–16 ng/mL.



ELISA
Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human CD2 Protein, hFc Tag (AAA47486) can bind Anti-CD2 antibody(DMC423), IgG1 Chimeric mAb in a linear range of 0.64–16 ng/mL.

ADDITIONAL INFORMATION

Related Product Information for CD2 recombinant protein	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 gene. [provided by RefSeq, Jun 2016]

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071472

NCBI GeneID	914
NCBI Accession #	NP_001758.2
NCBI GenBank Nucleotide #	NM_001767.3
UniProt Accession #	P06729; Q96TE5
Molecular Weight	39,448 Da
NCBI Official Full Name	T-cell surface antigen CD2
NCBI Official Synonym Full Names	CD2 molecule
NCBI Official Symbol	CD2
NCBI Official Synonym Symbols	T11; SRBC; LFA-2
NCBI Protein Information	T-cell surface antigen CD2; CD2 antigen (p50), sheep red blood cell receptor; LFA-3 receptor; T-cell surface antigen T11/Leu-5; erythrocyte receptor; lymphocyte-function antigen-2; rosette receptor
UniProt Protein Name	T-cell surface antigen CD2
UniProt Gene Name	**CD2**
UniProt Synonym Gene Names	SRBC
UniProt Entry Name	CD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/cd2-recombinant-protein-hek293-cells/47486