

Datasheet for ABIN6961117

**CD226 Protein (CD226) (mFc-His Tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	CD226
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD226 protein is labelled with mFc-His Tag.
Application:	ELISA

## Product Details

Purpose:	Recombinant human DNAM-1 protein with C-terminal mouse Fc and 6xHis tag
Specificity:	DNAM-1 (Glu19-Asn247) mFc (Pro99-Lys330) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD226
Alternative Name:	DNAM-1 ( <a href="#">CD226 Products</a> )
Background:	Synonyms: DNAM1, CD226, PTA1

## Target Details

Description: This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Alternative splicing results in multiple transcript variants.

Molecular Weight:	predicted molecular mass of 53.5 kDa after removal of the signal peptide.
Gene ID:	10666
UniProt:	<a href="#">Q15762</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cancer Immune Checkpoints</a>

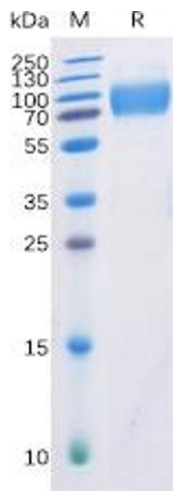
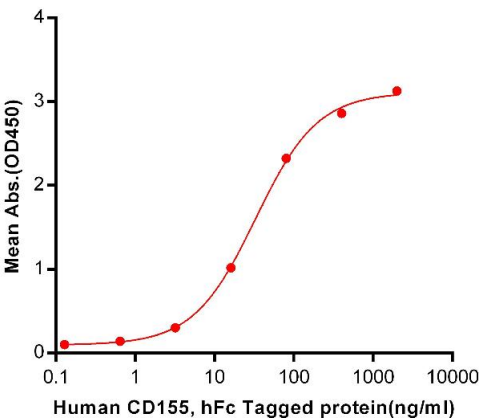
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
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

**Human DNAM-1, mFc-His Tagged protein ELISA**  
0.2 µg of Human DNAM-1, mFc-His Tagged protein per well



**ELISA**

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human DNAM-1, mFc-His tagged protein (ABIN6961117) can bind Human CD155, hFc Tagged protein(ABIN6961168) in a linear range of 0.128-32.88 ng/mL.

**SDS-PAGE**

**Image 2.** Human DNAM-1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.