

Datasheet for ABIN7491035

CD226 Protein (CD226) (AA 19-254) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD226
Protein Characteristics:	AA 19-254
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD226 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse DNAM-1 protein with C-terminal human Fc tag
Specificity:	Mouse DNAM-1 (Glu19-Pro254) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
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 (CD226 Products)
Background:	Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion

Target Details

mediated by cytotoxic T-lymphocyte (CTL) and NK cell. Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding.[UniProtKB/Swiss-Prot Function]

Molecular Weight: predicted molecular mass of 52.9 kDa after removal of the signal peptide. The apparent molecular mass of mDNAM-1-hFc is 55-70 kDa due to glycosylation.

UniProt: [Q5DW69](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

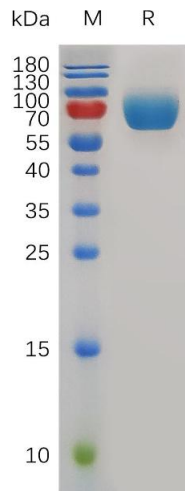
Format: Lyophilized

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



SDS-PAGE

Image 1. Mouse D Protein, hFc Tag on SDS-PAGE under reducing condition.