

Datasheet for ABIN6388274

CD226 Protein (CD226) (AA 19-252) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD226
Protein Characteristics:	AA 19-252
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD226 protein is labelled with His tag.

Product Details

Sequence:	AA 19-252
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD226
Alternative Name:	DNAM-1 (CD226 Products)
Background:	DNAX accessory molecule 1 (DNAM-1), a single-pass type I membrane protein, is also known as CD226 antigen and platelet and T cell activation antigen 1 (PTA1), which contains 2 Ig-like C2-type (immunoglobulin-like) domains. DNAM-1 is a ~65 kDa glycoprotein expressed on the surface of natural killer cells, platelets, monocytes and a subset of T cells. DNAM-1 mediates

Target Details

cellular adhesion to other cells bearing its ligands, CD112 and CD155, and cross-linking DNAM-1 with antibodies causes cellular activation. Furthermore, DNAM-1 can interact with PVR and PVRL2.

Molecular Weight: 28.5 kDa

NCBI Accession: [XP_005586537](#)

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

Application Details

Restrictions: For Research Use only

Handling

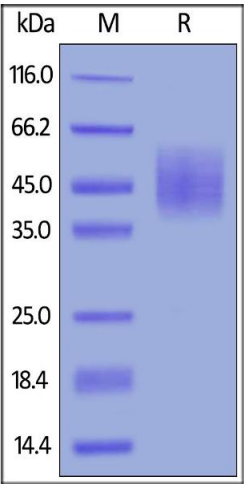
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

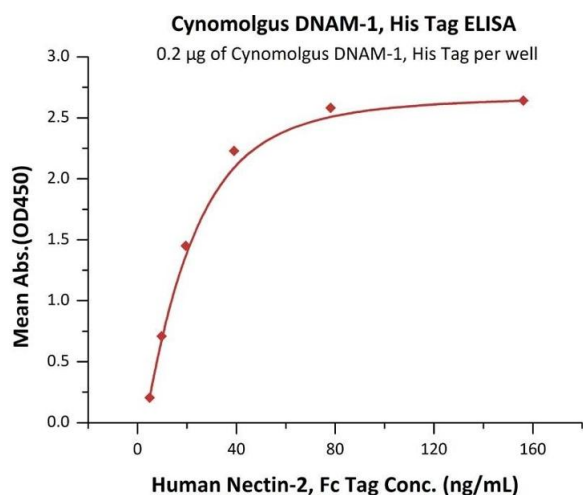
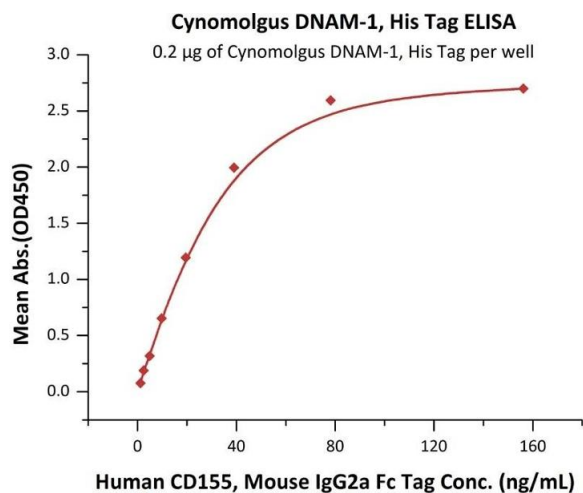
Storage: -20 °C

Images



SDS-PAGE

Image 1. Cynomolgus DNAM-1, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .



ELISA

Image 2. Immobilized Cynomolgus DNAM-1, His Tag (ABIN6386439,ABIN6388274) at 2 µg/mL (100 µL/well) can bind Human CD155, Mouse IgG2a Fc Tag, low endotoxin (ABIN4949085,ABIN4949086) with a linear range of 2-40 ng/mL (QC tested).

ELISA

Image 3. Immobilized Cynomolgus DNAM-1, His Tag (ABIN6386439,ABIN6388274) at 2 µg/mL (100 µL/well) can bind Human Nectin-2, Fc Tag (ABIN4949134,ABIN4949135) with a linear range of 5-40 ng/mL (Routinely tested).