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CD226 Protein (CD226) (AA 19-247) (mFc-His Tag)

Images



Overview

Quantity:	100 μg
Target:	CD226
Protein Characteristics:	AA 19-247
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:	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)

Target Details

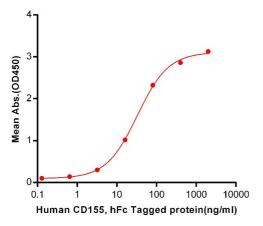
Expiry Date:

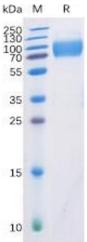
12 months

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Background:	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:	Q15762
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.

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 $2 \mu g/mL$ (100 $\mu L/well$) 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.