

PRODUCT INFORMATION

Target DNAM1

DNAM1;CD226;PTA1 **Synonyms**

Recombinant human DNAM-1 protein with C-**Description**

terminal mouse Fc and 6×His tag

Delivery In Stock Q15762 **Uniprot ID Expression Host HEK293**

Tag C-Mouse Fc and 6×His Tag

Molecular DNAM-1(Glu19-Asn247) mFc(Pro99-Lys330)

Characterization 6×His tag

Storage & Shipping

Background

The protein has a predicted molecular mass of **Molecular Weight**

53.5 kDa after removal of the signal peptide. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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.

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 Igsuperfamily 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.

Usage Research use only

Conjugate Unconjugated



Email: info@dimabio.com



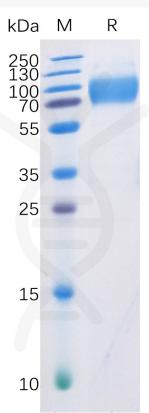


Figure 1. Human DNAM-1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human DNAM-1, mFc-His Tagged protein ELISA

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

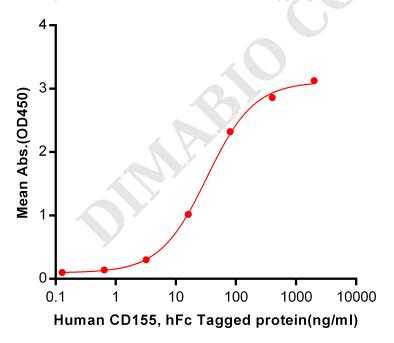


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human DNAM-1, mFc-His tagged protein (PME100050) can bind Human CD155, hFc Tagged protein PME100485 in a linear range of 0.128-32.88 ng/ml.

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