PRODUCT INFORMATION

Target	DNAM1
Synonyms	DNAM1;CD226;PTA1
Description	Recombinant human DNAM-1 protein with C-terminal mouse Fc and 6×His tag
Delivery	In Stock
Uniprot ID	Q15762
Expression Host	HEK293
Tag	C-Mouse Fc and 6×His Tag
Molecular Characterization	DNAM-1(Glu19-Asn247) mFc(Pro99-Lys330) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 53.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
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.
Usage	Research use only
Conjugate	Unconjugated

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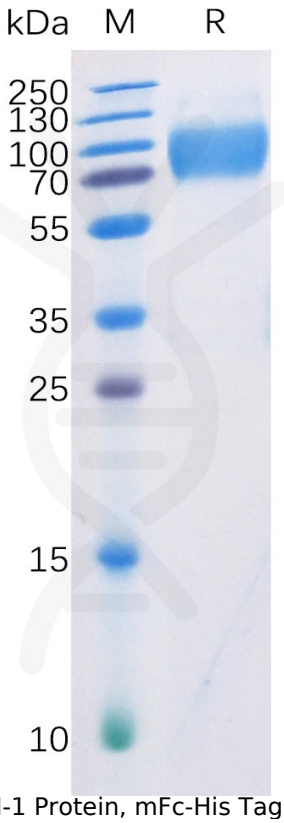


Figure 1. Human DNAM-1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

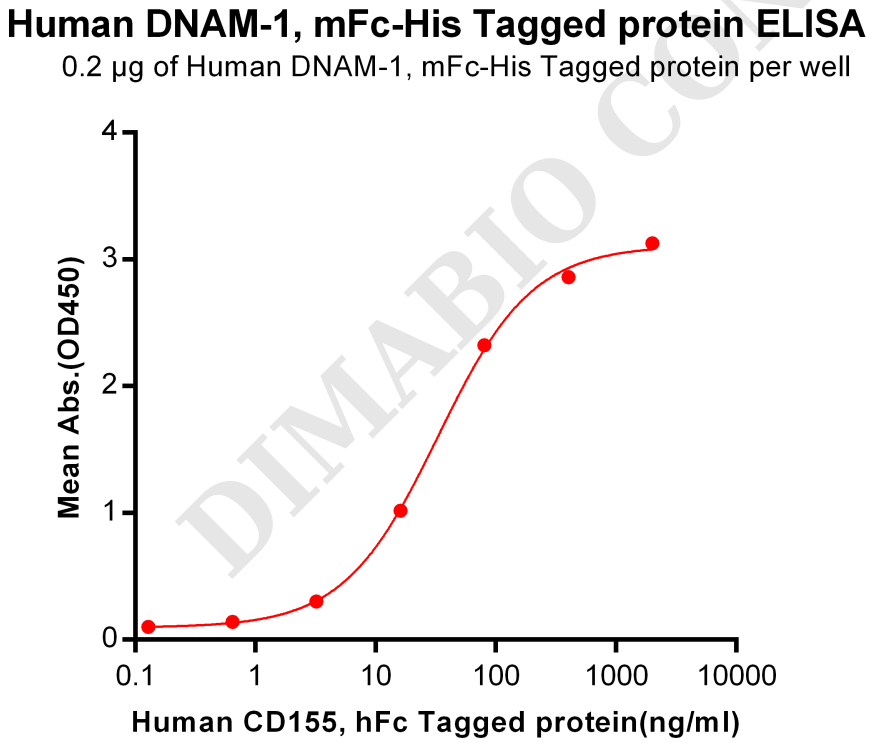


Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human DNAM-1, mFc-His tagged protein (PME100050) can bind Human CD155, hFc Tagged protein PME100485 in a linear range of 0.128-32.88 ng/ml.

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