

PRODUCT INFORMATION

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| 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 |



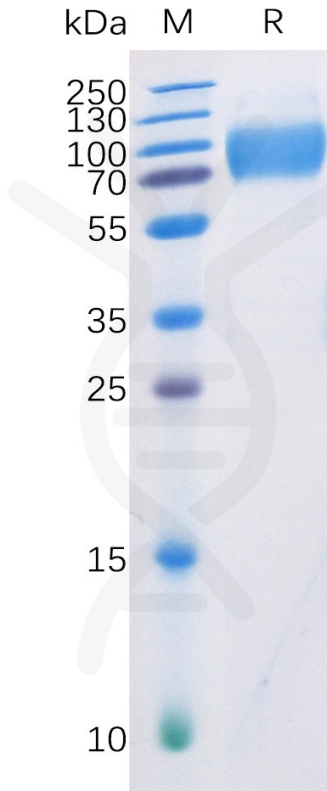


Figure 1. Human DNAM-1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human DNAM-1, mFc-His Tagged protein ELISA

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

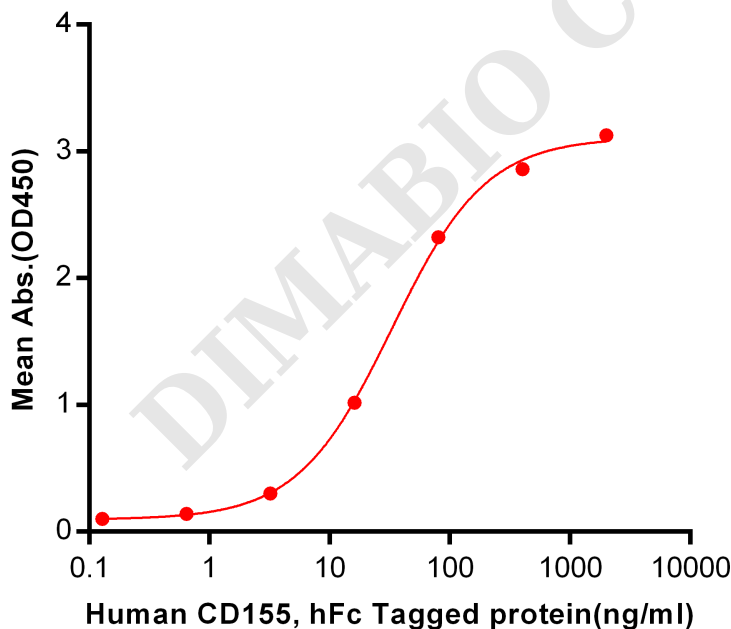


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human DNAM-1, mFc-His tagged protein (PME100050) can bind Human CD155, hFc Tagged protein PME100485 in a linear range of 0.128-32.88 ng/ml.

