

PRODUCT INFORMATION

| | |
|------------------------------|--|
| Target | CADM1 |
| Synonyms | BL2; ST17; IGSF4; NECL2; RA175; TSLC1; IGSF4A; Necl-2; SYNCAM; sgIGSF; sTSLC-1; synCAM1 |
| Description | Recombinant human CADM1 Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9BY67 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | CADM1(Gln45-His374) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 63.2 kDa after removal of the signal peptide. The apparent molecular mass of CADM1-hFc is approximately 70-130 kDa due to glycosylation. |
| 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 | Enables signaling receptor binding activity. Involved in several processes, including cell recognition; positive regulation of cytokine production; and susceptibility to natural killer cell mediated cytotoxicity. Located in plasma membrane. Implicated in breast carcinoma and prostate cancer. Biomarker of cervix uteri carcinoma in situ. [provided by Alliance of Genome Resources, Apr 2022] |
| Usage | Research use only |
| Conjugate | Unconjugated |



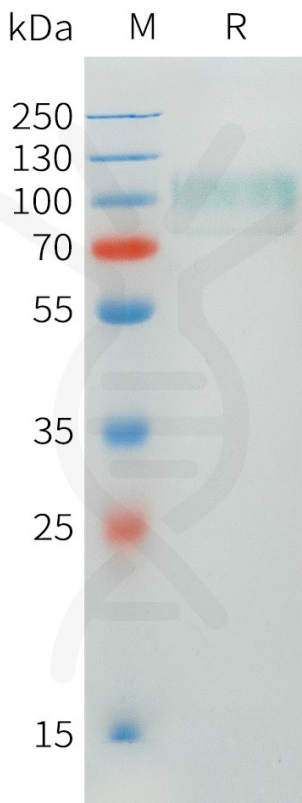


Figure 1. Human CADM1 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human CADM1, hFc Tagged protein ELISA
0.2 μ g of Human CADM1, hFc tagged protein per well

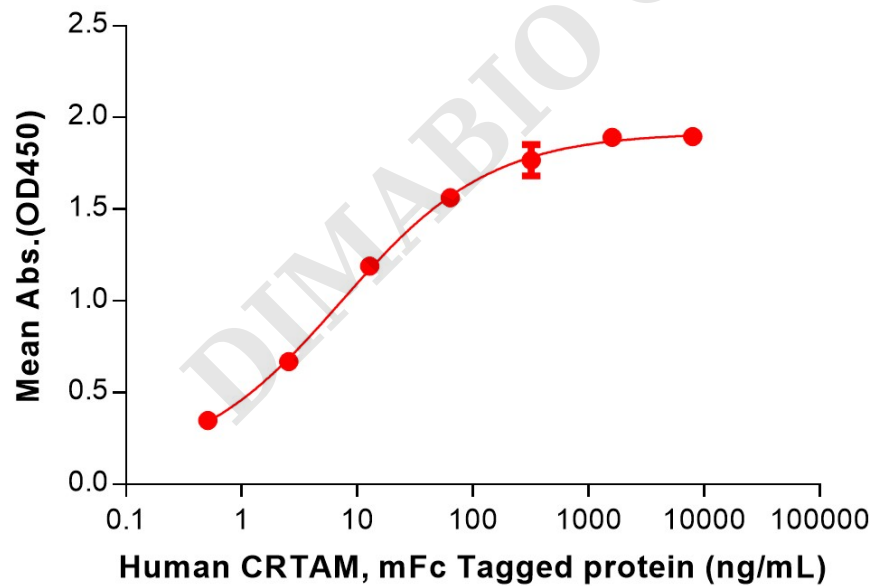


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human CADM1 Protein, hFc Tag (PME101544) can bind Human CRTAM Protein, mFc Tag (PME101547) in a linear range of 0.51-320 ng/mL.

