

CADM1 recombinant protein

Human CADM1 Protein, hFc Tag

CATALOG #
AAA129491

HOST
HEK293

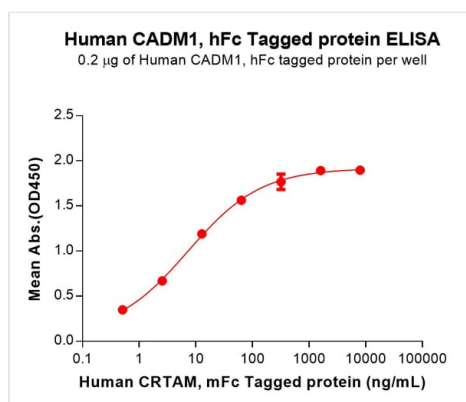
PRODUCT SYNONYMS

CADM1; Human CADM1 Protein; hFc Tag; BL2; ST17; IGSF4; NECL2; RA175; TSLC1; IGSF4A; Necl-2; SYNCAM; sglGSF; sTSLC-1; synCAM1; Recombinant human CADM1 Protein with C-terminal human Fc tag; CADM1 recombinant protein

PRODUCT SPECIFICATIONS

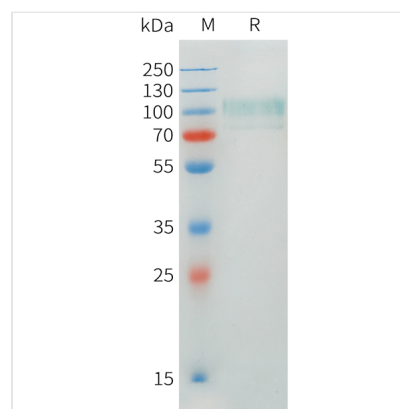
Host	HEK293
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Sequence	CADM1(Gln4 5-His374)h Fc(Glu99-A la330)
Tag	C-Human Fc
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



ELISA

Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human CADM1 Protein, hFc Tag (AAA129491) can bind Human CRTAM Protein, mFc Tag in a linear range of 0.51–320 ng/mL.



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for CADM1 recombinant protein

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]

Product Categories/Family for CADM1 recombinant protein

[ECD Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148664211
NCBI GeneID	23705
NCBI Accession #	NP_001091987.1
NCBI GenBank Nucleotide #	NM_001098517.1
UniProt Accession #	Q9BY67; Q86WB8; Q8N2F4
Molecular Weight	48,509 Da
NCBI Official Full Name	cell adhesion molecule 1 isoform 2
NCBI Official Synonym Full Names	cell adhesion molecule 1
NCBI Official Symbol	CADM1
NCBI Official Synonym Symbols	BL2; ST17; IGSF4; NECL2; RA175; TSLC1; IGSF4A; Nectl-2; SYNCAM; sglGSF; sTSLC-1; synCAM1
NCBI Protein Information	cell adhesion molecule 1; TSLC-1; nectin-like 2; nectin-like protein 2; truncated CADM1 protein; TSLC1/Nectin-like 2/IGSF4; synaptic cell adhesion molecule; tumor suppressor in lung cancer 1; immunoglobulin superfamily member 4; immunoglobulin superfamily
UniProt Protein Name	Cell adhesion molecule 1
UniProt Gene Name	CADM1
UniProt Synonym Gene Names	IGSF4; IGSF4A; NECL2; SYNCAM; TSLC1; IgSF4; NECL-2; SgIgSF; SynCAM; TSLC-1
UniProt Entry Name	CADM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cadm1-recombinant-protein-hek293/129491>