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Datasheet for ABIN1096873

CADM3 Protein (AA 25-330) (His tag)

Overview

Quantity:	50 µg
Target:	CADM3
Protein Characteristics:	AA 25-330
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CADM3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cell Adhesion Molecule 3/CADM3/IGSF4B/SynCAM3 (C-6His)
Sequence:	NLSQDDSQPW TSETVVAGG TVVLKCQVKD HEDSSLQWSN PAQQTLYFGE KRALRDNRIG LVTSTPHELIS ISISNVALAD EGEYTCSTFT MPVRTAKSLV TVLGIPQKPI ITGYKSSLRE KDTATLNCQS SGSKPAARLT WRKGDQELHG EPTRIQEDPN GKTFTVSSSV TFQVTREDDG ASIVCSVNHE SLKGADRSTS QRIVLYTPT AMIRPDPPHP REGQKLLHLC EGRGNPVPQQ YLWEKEGSVP PLKMTQESAL IFPFLNKSDS GTYGCTATSN MGSYKAYYTL NVNDPSPVPS SSSTYHVDHH HHHH
Characteristics:	Recombinant Human Cell Adhesion Molecule 3/CADM3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Asn25-His330) of Human CADM3 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target: CADM3

Alternative Name: syncam3 ([CADM3 Products](#))

Sub Type: Fusionprotein

Background: Cell Adhesion Molecular Proteins are proteins located on the cell surface involved with the binding with other cells or with the extracellular matrix in the cell adhesion process. These proteins consists of three domains, an transmembrane domain, an intracellular domain that interacts with the cytoskeleton, and an extracellular domain that interacts with other CAMs of the same kind or with other CAMs or the extracellular matrix. Cell Adhesion Molecular 3 (CADM3) is a neural tissue-specific member of the nectin-like family of immunoglobulin superfamily. CADM3 interacts with EPB41L1 may regulate structure or function of cell-cell junctions. CADM3 has both calcium-independent homophilic cell-cell adhesion activity and calcium-independent heterophilic cell-cell adhesion activity with IGSF4, PVRL1 and PVRL3. Alternative Names: Cell Adhesion Molecule 3, Brain Immunoglobulin Receptor, Immunoglobulin Superfamily Member 4B, IgSF4B, Nectin-Like Protein 1, NECL-1, Synaptic Cell Adhesion Molecule 3, SyncAM3, TSLC1-Like Protein 1, TSLL1, CADM3, IGSF4B, NECL1, SYNCAM3, TSLL1

Molecular Weight: 34.68 kDa

UniProt: [Q8N126](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.
Dissolve the lyophilized protein in ddH2O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Handling

Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months