

CADM3 Protein, Human (HEK293, His)

Cat. No.:	HY-P70083
Synonyms:	rHuCell adhesion molecule 3/CADM3, His; 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
Species:	Human
Source:	HEK293
Accession:	Q8N126 (N25-H330)
Gene ID:	57863
Molecular Weight:	35-42 kDa

PROPERTIES

AA Sequence	<p>N L S Q D D S Q P W T S D E T V V A G G T V V L K C Q V K D H E D S S L Q W S N</p> <p>P A Q Q T L Y F G E K R A L R D N R I Q L V T S T P H E L S I S I S N V A L A D</p> <p>E G E Y T C S I F T M P V R T A K S L V T V L G I P Q K P I I T G Y K S S L R E</p> <p>K D T A T L N C Q S S G S K P A A R L T W R K G D Q E L H G E P T R I Q E D P N</p> <p>G K T F T V S S S V T F Q V T R E D D G A S I V C S V N H E S L K G A D R S T S</p> <p>Q R I E V L Y T P T A M I R P D P P H P R E G Q K L L L H C E G R G N P V P Q Q</p> <p>Y L W E K E G S V P P L K M T Q E S A L I F P F L N K S D S G T Y G C T A T S N</p> <p>M G S Y K A Y Y T L N V N D P S P V P S S S S T Y H</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CADM3 Protein plays a critical role in cell-cell adhesion by engaging in both calcium-independent homophilic cell-cell adhesion and calcium-independent heterophilic cell-cell adhesion with IGSF4, NECTIN1, and NECTIN3. Its interaction with EPB41L1 has the potential to regulate the structure or function of cell-cell junctions (By similarity). CADM3 Protein forms a
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homodimer and can also form trans-heterodimers with NECTIN3. Additionally, CADM3 Protein interacts with EPB41L1, DLG3, PALS2, and CASK (By similarity).

Caution: Product has not been fully validated for medical applications. For research use only.

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