

Recombinant Human CADM1 Protein, His-tagged

Cat. No. CADM1-112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CADM1 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	442
Description	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.
Form	Lyophilized
Molecular Mass	38.5 kDa
AA Sequence	MASVVLPSGSQCAAAAAAAPPGLRLRLLLLLFSAAALIPTGDGQNLFTKDVTVIEGE VATISCQVNKSDDSVIQLLNPNRQTIYFRDFRPLKDSRFQLLNFSSELKVSLTNVSIS DEGRYFCQLYTDPPQESYTTITVLVPPRNLMIDIQKDTAVEGEEIEVNCTAMASKPAT TIRWFKGNTELKGKSEVEEWSDMYTVTSQMLKVHKEDDGVPVICQVEHPAVTGNL QTQRYLEVQYKPQVHIQMTYPLQGLTREGDALELTCEAIGKPQPMVTWVRVDDE MPQHAVLSGPNLFINNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPTTTT TTTTTTTTTILTIITDSRAGEEGSIRAVDHA VIGGVAVVVVFAMLCLLIILGRYFARHKG TYFTHEAKGADDAADADTAIINAEGGQNNSEEKKEYFI

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CADM1 cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	CADM1
Synonyms	CADM1; cell adhesion molecule 1; IGSF4, immunoglobulin superfamily, member 4 , TSLC1, tumor suppressor in lung cancer 1; BL2; IGSF4A; Nect1 2; NECL2; nectin like 2; RA175; ST17; SYNCAM; SYNCAM1; 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, member 4; spermatogenic immunoglobulin superfamily;

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immunoglobulin superfamily, member 4D variant 2; IGSF4; TSLC1; Necl-2; sgIGSF;
sTSLC-1; synCAM1; MGC51880; MGC149785; DKFZp686F1789;

Gene ID 23705

mRNA Refseq NM_001098517

Protein Refseq NP_001091987

MIM 605686

UniProt ID Q9BY67

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