

## 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**

```
MASVVLPSGSQCAAAAAAAAAAPPGLRLRLLLLLLSAAALIPTGDGQNLFTKDVTVIEGE
VATISCQVNKSDDSVIQLLNPNRQTIYFRDFRPLKDSRFQLLNFSSELKVSILTNSIS
DEGRYFCQLYTDPPQESYTTITVLVPPRNLMIDIQKDTAVEGEEIEVNCTAMASKPAT
TIRWFKGNTELKKGSEVEEWSDMYTVTSQMLKVHKEDDGVPVICQVEHPAVTGNL
QTQRYLEVQYKPVVHIQMTYPLQGLTREGDALELTCEAIGKPQPMVMTWVRVDDE
MPQHAVLSGPNLFINNLNKTNDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPTTT
TTTTTTTTTTILTITDSRAGEEGSIRAVDHAIVGGVAVVVVFAMLCLLIILGRYFARHKG
TYFTHEAKGADDAADADTAIINAEGGQNNSEEKKEYFI
```

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	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

<b>Gene Name</b>	CADM1 cell adhesion molecule 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CADM1
<b>Synonyms</b>	CADM1; cell adhesion molecule 1; IGSF4, immunoglobulin superfamily, member 4 , TSLC1, tumor suppressor in lung cancer 1; BL2; IGSF4A; Necl 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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