

Recombinant Full Length Human CADM1 Protein, C-Flag-tagged

Cat. No. CADM1-1524HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CADM1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.3 kDa
AA Sequence	MASVVLPSGSQCAAAAAAAAAAPPGLRLRLLLLLFSAAALIPTGDGQNLFTKDVTVIEGE VATISCQVNKSD DSVIQLLNPNRQTIIYFRDFRPLKDSRFQLLNFSSELKVSLTNVSI SDEGRYFCQLYTDPPQESYTTITV LVPPRNLMIDIQKDTAVEGEEIEVNCTAMASKP ATTIRWFKGNTELKGKSEVEEWSDMYTVTSQLMLKVH KEDDGVPVICQVEHPAVT GNLQTQRYLEVQYKPQVHIQMTYPLQGLTREGDALELTCEAIGKPQPVMVTW VRV DDEMPQHAVLSGPNLFINNLNKTNDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPP TTTTTTTTTT TTTILTITDSRAGEEGSIRAVDHAVIGGVVAVVVFAMLCLLIILGRYFAR HKGTYFTHEAKGADDAADA

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	DTAIINAEGGQNNSEEKKEYFITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs)
Full Length	Full L.

GENE INFORMATION

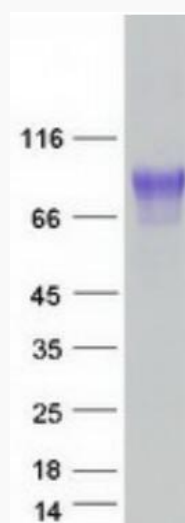
Gene Name	CADM1 cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	CADM1
Synonyms	BL2; ST17; IGSF4; NECL2; RA175; TSLC1; IGSF4A; Necl-2; SYNCAM; sgIGSF; sTSLC-1; synCAM1
Gene ID	23705

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mRNA Refseq	NM_014333.4
Protein Refseq	NP_055148.3
MIM	605686
UniProt ID	Q9BY67



Coomassie blue staining of purified CADM1 protein.

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