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# 32-3397: CADM1 Recombinant Protein

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| **Alternative Name :** | Cell Adhesion Molecule 1,Tumor Suppressor In Lung Cancer 1,IGSF4,Spermatogenic Immunoglobulin Superfamily,Immunoglobulin Superfamily, Member 4,Immunoglobulin Superfamily Member 4,Synaptic Cell Adhesion Molecule, Nectin-Like Protein 2,Nectin-Li |

## Description

Source : Escherichia Coli. CADM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (45-374 a.a) and having a molecular mass of 39.4 kDa. CADM1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cell Adhesion Molecule 1, also known as CADM1 belongs to the nectin family. CADM1 mediates homophilic cell-cell adhesion in a Ca2+-independent manner as well as mediating heterophilic cell-cell adhesion with CADM3 and PVRL3 in a Ca2+-independent manner. Furthermore, CADM1 perform as a tumor suppressor in non-small-cell lung cancer, NSCLC, cells. The interaction with CRTAM promotes natural killer (NK) cell cytotoxicity & interferon-gamma secretion by CD8+ cells in vitro over and above NK cell-mediated rejection of tumors expressing CADM3 in vivo.

## Product Info

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| **Amount :** | 10 µg |
| **Purification :** | Greater than 85.0% as determined by SDS-PAGE. |
| **Content :** | CADM1 protein solution (0.25 mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. |
| **Storage condition :** | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| **Amino Acid :** | MGSSHHHHHH SSGLVPRGSH MGSQNLFTKD VTVIEGEVAT ISCQVNKSDD SVIQLLNPNR QTIYFRDFRPLKDSRFQLLN FSSSELKVSL TNVSISDEGR YFCQLYTDPP QESYTTITVL VPPRNLMIDI QKDTAVEGEEIEVNCTAMAS KPATTIRWFK GNTELKGKSE VEEWSDMYTVTSQLMLKVHK EDDGVPVICQ VEHPAVTGNL QTQRYLEVQY KPQVHIQMTYPLQGLTREGD ALELTCEAIG KPQPVMVTWV RVDDEMPQHA VLSGPNLFIN NLNKTDNGTY RCEASNIVGKAHSDYMLYVY DPPTTIPPPT TTTTTTTTTT TTILTIITDS RAGEEGSIRA VDH. |

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