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CADM1, 45-374aa, Human, His tag, E.coli

产品货号: TP01402

第三版

别名: Cell adhesion molecule 1, BL2, IGSF4, IGSF4A, Necl-2, NECL2, RA175, sgIGSF, ST17, sTSLC-1, SYNCAM, synCAM1, TSLC1

描述: CADM1 mediates homophilic cell-cell adhesion in a Ca^{2+} -independent manner and also mediates heterophilic cell-cell adhesion with CADM3 and PVRL3 in a Ca^{2+} -independent manner. This protein acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. Interaction with CRTAM promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. Recombinant human CADM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量: 39.4 kDa (353aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSQNLFTKDVTVIEGEVATISCQVNKSDDSVIQLLNPNRQTIYFRDFRPLKDSRFQLLN
FSSSELKVSLTNVSIISDEGRYFCQLYTDPPQESYTTITVLVPPRNLMDIQKDTAVEGEEIEVNCTAMASKPATTIRWFKGNT
ELKKGKSEVEEWSDMYTVTSQLMLKVHKEDDGVVICQVEHPAVTGNLQTQRYLEVQYKPVHIQMTYPLQGLTREGD
ALELTCEAIGKQPVMVTWVRVDDEMPQHAVLSGPNLFINNLNKTNDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPP
TTTTTTTTTTTTTILTITDSRAGEEGSIRAVDH

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.