

Active Recombinant Mouse Cadm1 Protein, His-tagged

Cat. No. Cadm1-711M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cadm1 (Accession # NP_061240) Ile42-Asp376, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ile42-Asp376
Predicted N Terminal	Ile42
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding activity in a functional ELISA. Galiberet, L. et al. (2005) J. Biol. Chem. 280:21955. Immobilized Recombinant Mouse CRTAM Fc Chimera at 2 µg/mL (100 µL/well) can bind Recombinant Mouse IGSF4A/SynCAM1 with a linear range of 0.2 - 10 µg/mL.
Molecular Mass	Recombinant Mouse Cadm1, His-tagged has a calculated MW of 38.8 kDa. In SDS-PAGE migrates as 76-87 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name [Cadm1 cell adhesion molecule 1 \[Mus musculus \]](#)

Official Symbol Cadm1

Synonyms CADM1; cell adhesion molecule 1; NECL-2; TSLC-1; nectin-like 2; nectin-like protein 2; immunosuperfamily protein BL2; synaptic cell adhesion molecule; tumor suppressor in lung cancer 1; immunoglobulin superfamily member 4; immunoglobulin superfamily member 4A; spermatogenic immunoglobulin superfamily; BL2; ST17; IgSF4; Necl2; RA175; Tslc1; IgSF4a; RA175A; RA175B; RA175C; RA175N; SgIGSF; SynCam; AI987920; 2900073G06Rik; 3100001I08Rik;

Gene ID [54725](#)

mRNA Refseq [NM_001025600](#)

Protein Refseq [NP_001020771](#)

MIM

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