

## Active Recombinant Mouse Cadm1 Protein, His-tagged

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

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | 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.                                                                                                                |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                                  |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>        | Ile42-Asp376                                                                                                                                                                                                                                                           |
| <b>Predicted N Terminal</b> | Ile42                                                                                                                                                                                                                                                                  |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                                                                     |
| <b>Bio-activity</b>         | 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. |
| <b>Molecular Mass</b>       | Recombinant Mouse Cadm1, His-tagged has a calculated MW of 38.8 kDa. In SDS-PAGE migrates as 76-87 kDa, reducing conditions.                                                                                                                                           |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                            |
| <b>Storage</b>              | 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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