

Recombinant Mouse Cadm1 protein, His-tagged

Cat. No. Cadm1-712M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cadm1(Met1-His377) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-His377
Predicted N Terminal	Gln 48
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant mouse Cadm1 consists 341 amino acids and predicts a molecular mass of 38.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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 B12; synaptic cell adhesion molecule; tumor suppressor in lung cancer 1; immunoglobulin superfamily member 4; immunoglobulin superfamily member 4A; spermatogenic immunoglobulin superfamily; B12; ST17; IgSF4; Necl2; RA175; Tslc1; IgSF4a; RA175A; RA175B; RA175C; RA175N; SgIGSF; SynCam; AI987920; 2900073G06Rik; 3100001I08Rik;

Gene ID

54725

mRNA Refseq

NM_018770

Protein Refseq

NP_061240

MIM

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UniProt ID	Q8R5M8
Chromosome Location	9; 9 B-C
Pathway	Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Nectin/Nectrans heterodimerization, organism-specific biosystem;
Function	PDZ domain binding; cell adhesion molecule binding; protein C-terminus binding; protein binding; protein homodimerization activity; receptor binding; receptor binding;