

Recombinant Mouse Cadm1 protein, His-tagged

Cat. No. Cadm1-4633M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cadm1 protein(Q8R5M8)(48-388aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	48-388aa
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse CADM1 at 2 µg/mL can bind Mouse CRTAM, the EC50 is 52.61-92.92 ng/mL.
Molecular Mass	39.5 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	QNLFTKDVTVIEGEVATISCQVNKSDDSVIQLLNPNRQTIYFRDFRPLKDSRFQLLNF SSSELKVSLTNVSISDEGRYFCQLYTDPPQESYTTITVLVPPRNLMDIQKDTAVEGE EIEVNCTAMASKPATTIRWFKGNKELKGKSEVEEWSDMYTVTSQMLMKVHKEDDGV PVICQVEHPAVTGNLQTQRYLEVQYKPQVHIQMTYPLQGLTREGDAFELTCEAIGKP QPVMVTWVRVDDEMPQHAVLSGPNLFINNLNKTDNGTYRCEASNIVGKAHSDYML YVYDPPTTIPPTTTTTTTTTTTTTTTTILTIITDTTATTEPAVHDSRAGEEGTIGAVDH

GENE INFORMATION

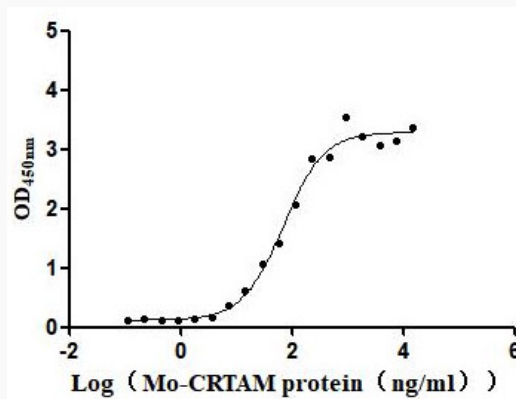
Gene Name	Cadm1 cell adhesion molecule 1 [Mus musculus]
Official Symbol	Cadm1
Synonyms	CADM1; cell adhesion molecule 1; NECL-2; TSLC-1; nectin-like 2; nectin-like protein 2; immunosuperfamily protein BL2; synaptic cell adhesion molecule; tumor suppressor in lung cancer 1; immunoglobulin superfamily member 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

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Activity



SDS-PAGE

