

## Recombinant Mouse CADM1 Protein

Catalog #	Source	Reactivity	Applications
CRP1162	Human cells	Mouse	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Mouse CADM1 Protein is produced by our mammalian expression system and the target gene encoding Gln48-His388 is expressed with a Fc tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.
<b>Gene Symbol</b>	CADM1
<b>Alternative Names</b>	IGSF4; IGSF4A; NECL2; SYNCAM; TSLC1; Cell adhesion molecule 1; Immunoglobulin superfamily member 4; IgSF4; Nectin-like protein 2; NECL-2; Spermatogenic immunoglobulin superfamily; SgIgSF; Synaptic cell adhesion molecule; SynCAM; Tumor suppressor in lung c
<b>Entrez Gene</b>	54725 (Mouse)
<b>SwissProt</b>	Q8R5M8 (Mouse)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	<p>QNLFTKDVTV IEGEVATISC QVNKSDDSVI QLLNPNRQTI YFRDFRPLKD SRFQLLNFSF</p> <p>SELKVSILTNV SISDEGRYFC QLYTDPPQES YTTITVLVPP RNLMDIQKD TAVEGEEIEV</p> <p>NCTAMASKPA TTIRWFKGNK ELKGKSEVEE WSDMYTVTSQ LMLKVHKEDD GVPVICQVEH</p> <p>PAVTGNLQTTQ RYLEVQYKPQ VHIQMTYPLQ GLTREGDAFE LTCEAIGKPQ PVMVTWVRVD</p> <p>DEMPQHAVLS GPNLFINNLN KTDNGTYRCE ASNIVGKAHS DYMLYVYDPP TTIPPPTTTT</p> <p>TTTTTTTTTI LTIITDTTAT TEPAVHDSRA GEEGTIGAVD HVDDIEGRMD EPKSCDKTHT</p> <p>CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH</p> <p>NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE</p> <p>PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSGDSFF</p>

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)

# Product Data Sheet

LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GK

## Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

## Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## COHESION BIOSCIENCES LIMITED

### WEB

[www.cohesionbio.com](http://www.cohesionbio.com)

### ORDER

[order@cohesionbio.com](mailto:order@cohesionbio.com)

### SUPPORT

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

### CUSTOM

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)