

CADM1 Protein, Mouse, Recombinant (Active, His)

General Information

Synonyms:	Tumor suppressor in lung cancer 1 (TSLC-1);Nectin-like protein 2 (NECL-2);SynCam1;Cell adhesion molecule 1;Igsf4;Syncam;Cadm1;Immunoglobulin superfamily member 4 (IgSF4);Tslc1;Necl2;Synaptic cell adhesion molecule (SynCAM);Spermatogenic immunoglobulin superfamily (SgIgSF);Ra175
Protein Construction:	48-388 aa
Species:	Mouse
Expression Host:	HEK293 Cells
Accession:	Q8R5M8
Molecular Weight:	39.5 kDa (Predicted)
AA Sequence:	QNLFTKDVTVIEGEVATISCQVNKSDDSVIQLLNPNRQTIYFRDFRPLKDSRFQLLNFSSELKVSLTNVSISDE GRYFCQLYTDPPQESYTTITVLVPPRNLMDIQKDTAVEGEEIEVNCTAMASKPATTIRWFKGNKELKGKSEVEE WSDMYTVTSQLMLKVHKEDDGVPVICQVEHPAVTGNLQTRYLEVQYKQVHIQMTYPLQGLTREGDAFEL TCEAIGKQPVMVTWVRVDDDEMPQHAVLSGPNLFINNLNKTNDNGTYRCEASNIVGKAHSDYMLYVYDPPTTI PPPTTTTTTTTTTTTTILTIITDTTATTEPAVHDSRAGEEGTIGAVDH

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Mouse CADM1 at 2 µg/mL can bind Mouse CRTAM (CSB-MP614820MO), the EC50 is 52.61-92.92 ng/mL.
Purity:	>95% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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