

Recombinant Human CADM2 Protein, His-tagged

Cat. No. CADM2-354H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CADM2 Protein (Gln25-Ile435) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln25-Ile435
Description	This gene encodes a member of the synaptic cell adhesion molecule 1 (SynCAM) family which belongs to the immunoglobulin (Ig) superfamily. The encoded protein has three Ig-like domains and a cytosolic protein 4.1 binding site near the C-terminus. Proteins belonging to the protein 4.1 family crosslink spectrin and interact with other cytoskeletal proteins. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.6 kDa Accurate Molecular Mass: 49 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CADM2 cell adhesion molecule 2 [Homo sapiens (human)]
Official Symbol	CADM2
Synonyms	CADM2; cell adhesion molecule 2; IGSF4D, immunoglobulin superfamily, member 4D; Necl 3; NECL3; nectin like 3; SynCAM2; nectin-like 3; nectin-like protein 3; immunoglobulin superfamily member 4D; immunoglobulin superfamily, member 4D; IGSF4D; Necl-3; synCAM2; MGC104534; MGC138341; MGC138343
Gene ID	253559
mRNA Refseq	NM_001167674
Protein Refseq	NP_001161146
MIM	609938

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UniProt ID

Q8N3J6

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