Recombinant Mouse Cadm4 protein(Met1-Ala324), His-tagged

Cat. No. Cadm4-6879M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CADM4 (NP_694752.1) (Met 1-Ala 324) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala324
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CADM4 consists of 310 amino acids and has a predicted molecular mass of 34.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CADM4 is approximately 50-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cadm4 cell adhesion molecule 4 [Mus musculus]
Official Symbol	Cadm4
Synonyms	CADM4; cell adhesion molecule 4; NECL-4; SynCAM 4; TSLC1-like 2; TSLC1-like protein 2; nectin-like protein 4; membrane glycoprotein Tsll2; immunoglobulin superfamily member 4C; immunoglobulin superfamily, member 4C; Tsll2; Igdf4c; Igsf4c;
Gene ID	260299
mRNA Refseq	NM_153112
Protein Refseq	NP_694752

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