

Recombinant Rat CADM3 Protein, His-tagged

Cat. No. CADM3-1091R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat CADM3 (Q1WIM3) extracellular domain (Met 1-His 328) was expressed, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-328 a.a.
Predicted N Terminal	Asn 23
Form	Lyophilized from sterile PBS, pH 7.51, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat CADM3 comprises 317 amino acids and predicts a molecular mass of 35 kDa. The apparent molecular mass of the ratCADM3 is approximately 35-40 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Cadm3 cell adhesion molecule 3 \[Rattus norvegicus \]](#)

Official Symbol [CADM3](#)

Synonyms CADM3; cell adhesion molecule 3; nectin-like protein 1; immunoglobulin superfamily member 4B; immunoglobulin superfamily, member 4B; Igsf4b; Necl-1;

Gene ID [360882](#)

mRNA Refseq [NM_001047103](#)

Protein Refseq [NP_001040568](#)

MIM

UniProt ID

Pathway Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communicatio

Function protein homodimerization activity; protein homodimerization activity;

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