

Recombinant Rat Cadm3, Fc-tagged

Cat. No. Cadm3-543R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat CADM3 (Q1WIM3) (Met1-His328) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	Human Cells
ProteinLength	Met1-His328
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant rat CADM3/Fc is a disulfide-linked homodimer. The reduced monomer comprises 547 amino acids and has a predicted molecular mass of 60.5 kDa. The apparent molecular mass of the protein is approximately 61 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	>85 % 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 -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

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](#)

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 communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Nectin/Necltrans heterodimerization, organism-specific biosystem;

Function protein homodimerization activity; protein homodimerization activity;

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