

Active Recombinant Mouse Pcdh12 Protein, His-tagged

Cat. No. Pcdh12-991M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcdh12 (Accession # O55134) Leu18-Ala716, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Leu18-Ala716
Predicted N Terminal	No results obtained, Leu18 predicted. Protein identity confirmed by MS analysis of tryptic fragments.
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HEK293 human embryonic kidney cells. The ED50 for this effect is typically 0.15 - 0.9 µg/mL.
Molecular Mass	Recombinant Mouse Pcdh12, His-tagged has a calculated MW of 77 kDa (monomer). In SDS-PAGE migrates as 85-105 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Pcdh12 protocadherin 12 [*Mus musculus*]

Official Symbol Pcdh12

Synonyms PCDH12; protocadherin 12; protocadherin-12; VE-cadherin-2; protocadherin 14; vascular cadherin-2; vascular endothelial cadherin-2; Pcdh14; VE-cad-2;

Gene ID 53601

mRNA Refseq NM_017378

Protein Refseq NP_059074

MIM

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