

Active Recombinant Mouse Cdh6 Protein, His-tagged

Cat. No. Cdh6-593M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdh6 (Accession # NP_031692) Met1-Ala615, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Ala615
Predicted N Terminal	Asn22 (pro-protein) & Ser54 (mature protein)
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 Caki-2 human clear cell carcinoma epithelial cells. The ED50 for this effect is typically 0.2 - 1.0 µg/mL after a 30 minutes incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Cdh6, His-tagged has a calculated MW of 67.0 kDa (pro-protein) & 63.3 kDa (mature protein). In SDS-PAGE migrates as 90-105 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

Reconstitution

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

GENE INFORMATION

Gene Name [Cdh6 cadherin 6 \[Mus musculus \]](#)

Official Symbol Cdh6

Synonyms CDH6; cadherin 6; cadherin-6; kidney cadherin; cad6; K-cadherin; MGC129338; MGC129360;

Gene ID [12563](#)

mRNA Refseq [NM_007666](#)

Protein Refseq [NP_031692](#)

MIM

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