Active Recombinant Mouse Cdh13 Protein, His-tagged

Cat. No. Cdh13-721M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdh13 (Accession # NP_062681) Met1-Gly693, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Gly693
Predicted N Terminal	Ala22
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to inhibit the adhesion of HUVEC human umbilical vein endothelial cells.When 5 x 10^4 cells/well are added to Recombinant Human Cadherin-13 coated plates, cell adhesion is inhibited in a dose dependent manner after 2.5 hours at 37 °C. The ED50 for this effect is typically 1.0 - 5.0 μg/mL.
Molecular Mass	Recombinant Mouse Cdh13, His-tagged has a calculated MW of 74.4 kDa. In SDS-PAGE migrates as 100-120 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	Cdh13 cadherin 13 [Mus musculus]
Official Symbol	Cdh13
Synonyms	CDH13; cadherin 13; cadherin-13; T-cad; H-cadherin; heart cadherin; Cdht; Tcad; T-cadherin; 4932416G01Rik;
Gene ID	12554
mRNA Refseq	NM_019707
Protein Refseq	NP_062681
MIM	

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