

Active Recombinant Mouse Cdh2 Protein, Fc Chimera

Cat. No. Cdh2-592M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdh2 (Accession # NP_031690), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Asp160, Ser26, & Glu28
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 U-118-MG human glioblastoma/astrocytoma cells. The ED50 for this effect is typically 0.1 - 0.5 µg/mL.
Molecular Mass	Recombinant Mouse Cdh2, Fc Chimera has a calculated MW of 88.8 kDa (monomer, mature protein) & 104.2 kDa (monomer, pro-protein). In SDS-PAGE migrates as (115-120) kDa & (130-135) 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 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 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Cdh2 cadherin 2 [Mus musculus]

Official Symbol Cdh2

Synonyms CDH2; cadherin 2; cadherin-2; neural cadherin; CDHN; Ncad; N-cadherin;

Gene ID 12558

mRNA Refseq NM_007664

Protein Refseq NP_031690

MIM

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