

## Active Recombinant Mouse CDH5, Fc Chimera

Cat. No. CDH5-148M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CDH5 (Accession # 2208309A) Asp46 - Gln592 was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	46-592 a.a.
<b>Predicted N Terminal</b>	Asp46
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in Tris-Citrate.
<b>Bio-activity</b>	Measured by its ability to inhibit proliferation of LL/2 mouse Lewis lung carcinoma cells. Immobilized rmVE-Cadherin/Fc inhibits LL/2 cell growth by 35 - 50%. The ED50 for this effect is typically 1.5 - 6.0 µg/mL.
<b>Molecular Mass</b>	Recombinant Mouse CDH5, Fc Chimera has a calculated MW of 88.7 kDa (monomer). In SDS-PAGE migrates as 100-120 kDa, reducing conditions.
<b>Purity</b>	>80%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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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## GENE INFORMATION

**Gene Name** Cdh5 cadherin 5 [ Mus musculus ]

**Official Symbol** CDH5

**Synonyms** CDH5; cadherin 5; cadherin-5; VE-cadherin; 7B4/cadherin-5; vascular endothelial cadherin; 7B4; Vec; VECD; Cd144; VEcad; VE-Cad; AA408225;

**Gene ID** 12562

**mRNA Refseq** NM\_009868

**Protein Refseq** NP\_033998

**MIM**

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