Active Recombinant Mouse CDH5, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Mouse CDH5 (Accession # 2208309A) Asp46 - Gln592 was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	46-592 a.a.
Predicted N Terminal	Asp46
Form	Lyophilized from a 0.2 μm filtered solution in Tris-Citrate.
Bio-activity	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.
Molecular Mass	Recombinant Mouse CDH5, Fc Chimera has a calculated MW of 88.7 kDa (monomer). In SDS-PAGE migrates as 100-120 kDa, reducing conditions.
Purity	>80%, 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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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