

Active Recombinant Mouse Dsg2 Protein, Fc Chimera

Cat. No. Dsg2-990M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dsg2 (Accession # O55111), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Leu29 & Ala55
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 BUD-8 human fibroblast cells. When 3×10^4 cells are added to Recombinant Mouse Desmoglein-2 Fc Chimera coated plates (10 µg/mL, 100 µL/well), approximately 30%-60% will adhere after 1 hour at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Dsg2, Fc Chimera has a calculated MW of 92.9 kDa (monomer). In SDS-PAGE migrates as 100-120 kDa, reducing conditions.
Purity	>90%, 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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GENE INFORMATION

Gene Name	Dsg2 desmoglein 2 [Mus musculus]
Official Symbol	Dsg2
Synonyms	DSG2; desmoglein 2; desmoglein-2; AA408168; D18Erttd293e;
Gene ID	13511
mRNA Refseq	NM_007883
Protein Refseq	NP_031909
MIM	

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