

## Active Recombinant Mouse Dsg2 Protein, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Dsg2 (Accession # O55111), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Leu29 & Ala55
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of BUD-8 human fibroblast cells. When $3 \times 10^4$ 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.
<b>Molecular Mass</b>	Recombinant Mouse Dsg2, Fc Chimera has a calculated MW of 92.9 kDa (monomer). In SDS-PAGE migrates as 100-120 kDa, reducing conditions.
<b>Purity</b>	>90%, 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

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

### MIM

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