

Active Recombinant Human DSG2, Fc Chimera

Cat. No. DSG2-512H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG2 (Accession # CAA81226) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ala49
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 human Desmoglein-2 coated plates (10 µg/mL, 100 µL/well), approximately 50%-80% will adhere after 1 hour at 37°C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human DSG2, Fc Chimera has a calculated MW of 89 kDa (monomer). In SDS-PAGE migrates as 115 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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GENE INFORMATION**Gene Name** DSG2 desmoglein 2 [Homo sapiens]**Official Symbol** DSG2**Synonyms** DSG2; desmoglein 2; desmoglein-2; CDHF5; HDGC; cadherin family member 5; ARVC10; ARVD10; CMD1BB; MGC117034; MGC117036; MGC117037;**Gene ID** 1829**mRNA Refseq** NM_001943**Protein Refseq** NP_001934**MIM** 125671**UniProt ID** Q14126**Chromosome Location** 18q12.1 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA