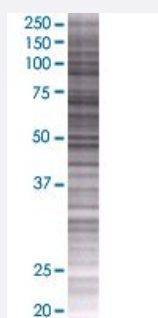


# DSG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001828-T01

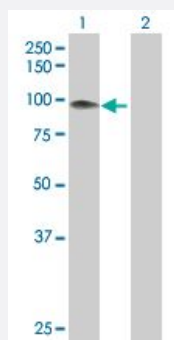
Size 100 uL

## Applications



### SDS-PAGE Gel

DSG1 transfected lysate.



### Western Blot

Lane 1: DSG1 transfected lysate ( 115.39 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-DSG1 full-length

**Host** Human

**Theoretical MW (kDa)** 115.39

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-DSG1 antibody ([H00001828-B01](#)) by Western Blots.  
SDS-PAGE Gel  
DSG1 transfected lysate.  
Western Blot  
Lane 1: DSG1 transfected lysate ( 115.39 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — DSG1

**Entrez GeneID**[1828](#)**GeneBank Accession#**[BC153001](#)**Protein Accession#**[AA153002.1](#)**Gene Name**

DSG1

**Gene Alias**

CDHF4, DG1, DSG

**Gene Description**

desmoglein 1

**Omim ID**[125670 148700](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Desmosomes are cell-cell junctions between epithelial, myocardial and certain other cell types. Desmoglein 1 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. The protein encoded by this gene has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus foliaceus. [provided by RefSeq]

**Other Designations**

desmosomal glycoprotein 1|pemphigus foliaceus antigen

## Disease

- [Pemphigus](#)