

## Recombinant Human DSG1 cell lysate

Cat. No. DSG1-512HCL    Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

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.

**Size**

100 ul

**Storage Buffer**

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

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

DSG1 desmoglein 1 [ Homo sapiens ]

**Official Symbol**


DSG1

**Synonyms**

DSG1; desmoglein 1; DSG; desmoglein-1; CDHF4; DGI; cadherin family member 4; desmosomal glycoprotein 1; pemphigus foliaceus antigen; DG1; PPKS1; SPPK1;

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<b>Gene ID</b>	1828
<b>mRNA Refseq</b>	NM_001942
<b>Protein Refseq</b>	NP_001933
<b>MIM</b>	125670
<b>UniProt ID</b>	Q02413
<b>Chromosome Location</b>	18q12.1
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cell adhesion proteins, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; Staphylococcus aureus infection, organism-specific biosystem; Staphylococcus aureus infection, conserved biosystem;
<b>Function</b>	calcium ion binding; gamma-catenin binding; toxin binding;

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