



Human DSG3 peptide (DAG-P0421)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 3 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. This protein has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus vulgaris. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Lyophilized
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	DSG3 desmoglein 3 [Homo sapiens (human)]
Official Symbol	DSG3
Synonyms	DSG3; desmoglein 3; PVA; CDHF6; desmoglein-3; cadherin family member 6; pemphigus vulgaris antigen; 130-kD pemphigus vulgaris antigen; 130 kDa pemphigus vulgaris antigen;
Entrez Gene ID	1830
mRNA Refseq	NM_001944.2

Protein Refseq	NP_001935.2
UniProt ID	P32926
Chromosome Location	18q12.1
Pathway	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;
Function	calcium ion binding;