

Product Information

MemDX™ Membrane Protein Human DSG3 (Desmoglein 3) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Partial (50-615aa)

Cat. No.: **MPX4246K**

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

This product is a 79.0kDa Human DSG3 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

DSG3

Protein Length

Partial (50-615aa)

Protein Class

Cell adhesion

Molecular Weight

79.0kDa

TMD

1

Sequence

EWVKFAKPCREGEDNSKRNPPIAKITSDYQATQKITYRISGVGIDQPPFGIFVVDKNTGDINITAIVDREETPSFLITCRALNAQGLDVEK

Product Description

Expression Systems

E.coli

Tag

6xHis and SUMO tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

DSG3

Full Name

Desmoglein 3

Introduction

This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. The encoded protein has been identified as the autoantigen of the autoimmune blistering disease pemphigus vulgaris.

Alternative Names

DSG3; PVA; ABOLM; CDHF6; desmoglein-3; 130 kDa pemphigus vulgaris antigen; cadherin family member 6; Desmoglein 3

Gene ID

[1830](#)

UniProt ID

[P32926](#)