

Product Information

MemDX™ Membrane Protein Human DSG3 (Desmoglein 3) Full Length

Cat. No.: **MPC1769K**

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

This product is a 107.5 kDa Human DSG3 membrane protein expressed in HEK293. 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

Full length

Protein Class

Cell adhesion

Molecular Weight

107.5 kDa

TMD

1

Sequence

MMGLFPRTTGALAIFVVVILVHGELRIETKGQYDEEEMTMQQAARRQKRE
WVKFAKPCREGEDNSKRNP IAKITSDYQATQKITYRISGVGIDQPPFGIF
VVDKNTGDINITAIVDREETPSFLITCRALNAQGLDVEKPLILTVKILDI
NDNPPVFSQQIFMGEIEENSASNSLVMILNATDADEPNHLNSKIAFKIVS
QEPAGTPMFLLSRNTGEVRTLTNSLDREQASSYRLVVGADKDGEGSTQ
CECNIKVKDVNDNFPMFRDSQYSARIEENILSSELLRFQVTDLDEEYTDN
WLAVYFFTSGNEGNWFIEIQTDPRTNELKVVKALDYEQLQSVKLSIAVK
NKAEFHQSVISRYRVQSTPVTIQVINVREGIAFRPASKTFTVQKGISSKK
LVDYILGTYQAIDEDTNKAASN VKYVMGRNDGGYLMIDSKTAEIKFVKNM
NRDSTFIVNKTITAEVLAIDEYTGKTSTGT VYVRVPDFNDCPTAVLEKD
AVCSSSPSVVVSARTLNRYTGPYTFALDQPVKLPVWSITTLNATSAL
LRAQEQIPPGVYHISLVLTDSQNNRCEMPRSLTLEVCQCDNRGICGTSYP
TTSPGTRYGRPHSGRLGPAAIGLLLLLGLLLLLLAPLLLLTCDGAGSTGG
VTGGFIPVPDGSEGTIHWGIEGAHPEDKEITNICVPPVTANGADFMES
EVCTNTYARGTAVEGTSGMEMTTKLGAATESGGAAGFATGTVSGAASGFG
AATGVGICSSGQSGTMRTRHSTGGTNKDYADGAISMNFLDSYFSQKAFAC
AEEDDGQEANDCLLIYDNEGADATGSPVGSVGCCSFIADDLDDSFDSL
PKFKKLAEISLGVDGEGKEVQPPSKDSGYGIESCGHPVQQTGFVKCQT
LSGSQGASALSTSGSVQPAVSIPDPLQHGNLVLTETYSASGSLVQPSTAG
FDPLLTQNVIVTERVICPISSVPGNLAGPTQLRGSHTMLCTEDPCSRLI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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](#)