

Product Information

MemDX™ Membrane Protein Human DSG4 (Desmoglein 4) Full Length

Cat. No.: **MPC2957K**

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

This product is a made-to-order Human DSG4 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

DSG4

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MDWLFFRNICLLIILMVVMEVNSEFIVEVKEFDIENGTTKWQTVRRQKRE
WIKFAAACREGEDNSKRNPPIAKIRSDCESNQKITYRISGVGIDRPPYGVF
TINPRTGEINITSVVDREITPLFLIYCRLNSRGEDLERPLELRVKVMDI
NDNAPVFSQSUYTASIEENSANTLVVKLCATDADEENHLNSKIAYKIVS
QEPGAPMFILNRYTGEVCTMSSFLDREQHSMYNLVVRGSDRDGAADGLS
SECDRIKVLVDVNDNFPTLEKTSYSASIEENCLSSELIRLQAILDDEGT
DNWLAQYLILSGNDGNWFDIQTDPQTNEGILKVVKMLDYEQAPNIQLSIG
VKNQADFHYSVASQFQMHPVRIQVVDVREGPAFHPSTMAFSVREGIKG
SSLLNYVLGTYTAIDLDTGNPATDVRYIIGHDAGSWLKIDSRTGEIQFSR
EFDKSKYIINGIYTAEILAIIDDGSGKTATGTICIEVPDINDYCPNIFPE
RRTICIDSPSVLISVNEHSYGSPTFCVVDPEPPIADMWDVRSTNATSAI
LTAKQVLSPGFYEIPLVKDSYNRACELAQMVQLYACDCDDNHMCLDSGA
AGIYTEDITGDTYGPVTEQAGVSNVGLGPAGIGMMVLGILLILAPLLL
LLCCCKQRQPEGLGTRFAPVPEGGEVGMQSWRIEGAHPEDRDVSNICAPM
TASNTQDRMDSSEIYTNTYAAGGTVEGGVSGVELNTGMGTAVGLMAAGAA
GASGAARKRSSTMGTLRDYADADINMAFLDSYFSEKAYAYADEDEGRPAN
DCLLIYDHEGVGSPVGSIGCCSWIVDDLDESCMETLDPKFRTLAIEICLNT
EIEPFPHQACIPISTDLPLLPNYFVNESSGLTPSEVEFQEEMAASEPV
VHGDIIVTETYGNADPCVQPTTIIFDPQLAPNVVVTEAVMAPVYDIQGN
CVPAELADYNNVIYAERVLASPGVPDMSNSSTTEGCMGPVMSGNIVGPE
IQVMQMMSPDLPIGQTVGSTSPMTSRHRVTRYSNIIHYTQQ

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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

DSG4

Full Name

Desmoglein 4

Introduction

This gene encodes a member of the desmoglein subgroup of desmosomal cadherins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a transmembrane component of desmosomes and may play a role in cell-cell adhesion in epithelial cells. Mutations in the gene are associated with localized autosomal recessive hypotrichosis and monilethrix, characterized by impaired hair growth.

Alternative Names

DSG4; LAH; HYPT6; CDGF13; CDHF13; desmoglein-4; cadherin family member 13; Desmoglein 4

Gene ID

[147409](#)

UniProt ID

[Q86SJ6](#)