

Desmoglein-2 (DSG2) Active Protein | DSG2 active protein

Recombinant Human Desmoglein-2 (DSG2), partial

CATALOG #
AAA116935

HOST
Mammalian Cell

PRODUCT SYNONYMS

Desmoglein-2 (DSG2); Recombinant Human Desmoglein-2 (DSG2); partial; DSG2 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	50-609aa; Partial
Sequence	AWITAPVALR EGEDLSKKNP IAKIHSDLA ERLKITYKY TGKGITEPPF GIFVFNKDTG ELNVTSLDR EETPFLLTG YALDARGNNV EKPLELRIKV LDINDNEPVF TQDVFGSVE ELSAAHTLVM KINATDADEP NTLNSKISYR IVSLEPAYPP VFYLNKDTGE IYTTSVTLDR EEHSSYTLTV EARDNGEVT DKPVKQAQVQ IRILDVNDNI PVVENKVLEG MVEENQVNVE VTRIKVFDAD EIGSDNWLAN FTFASGNEGG YFHIEDAQT NEGIVTLIKE VDYEEMKNLD FSVIVANKAA FHKSIRSKYK PTPIPIKVKV KNVKEGIHFK SSVISIYVSE SMDRSSKGQI IGNFQAFDED TGLPAHARYV KLEDRDNWIS VDSVTSEIKL AKLPDFESRY VQNGTYTVKI VAISEDYPRK TITGTVLINV EDINDNCPTL IEPVQTICHD AEYVNVTAED LDGHPNSGPF SFSVIDKPPG MAEKWKIARQ ESTSVLLQQS EKKLGRSEIQ FLISDNQGFS CPEKQVLTLT VCECLHGSGC REAQHDSYVG
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for DSG2 active protein	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This gene product 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 second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116534898
NCBI GeneID	1829
NCBI Accession #	NP_001934.2
NCBI GenBank Nucleotide #	NM_001943.4
UniProt Accession #	Q14126; Q4KKU6
Molecular Weight	122,294 Da
NCBI Official Full Name	desmoglein-2 preproprotein

NCBI Official Synonym Full Names	desmoglein 2
NCBI Official Symbol	DSG2
NCBI Official Synonym Symbols	HDGC; CDHF5
NCBI Protein Information	desmoglein-2
UniProt Protein Name	Desmoglein-2
UniProt Gene Name	DSG2
UniProt Synonym Gene Names	CDHF5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/desmoglein-2-dsg2/116935>