

Desmoglein-1 (DSG1) Recombinant Protein | DSG1 recombinant protein

Recombinant Human Desmoglein-1 (DSG1), partial

CATALOG #
AAA26994

HOST
Cell Free Expression

PRODUCT SYNONYMS

Desmoglein-1 (DSG1); Recombinant Human Desmoglein-1 (DSG1); partial; Cadherin family member 4; Desmosomal glycoprotein 1; DSG1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Cell Free Expression
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	50-548aa; partial
Sequence	EWIKFAAACR EGEDNSKRNP IAKIHSDCAA NQQVTYRISG VGIDQPPYGI FVINQKTGEI NITSIVDREV TPFFIIYCRA LNSMGQDLER PLELRVRVLD INDNPPVFMSM ATFAGQIEEN SNANTLVMIL NATDADEPNN LNSKIAFKII RQEPSDSPMF IINRNTGEIR TMNNFLDREQ YGQYALAVRG SDRDGGADGM SAECECNKI LDVNDNIPYM EQSSYTIEIQ ENTLNSNLE IRVIDLDEEF SANWMAVIF ISGNEGNWFE IEMNERTNVG ILKVVKPLDY EAMQSLQLSI GVRNKAEFHH SIMSQYKLKA SAISVTVLNV IEGPVFRPGS KTYVVTGNMG SNDKVGDFVA TDLDTGRPST TVRYVMGNNP ADLLAVDSRT GKLT LKNKVT KEQYNMLGGK YQGTILSIDD NLQRTCTGTI NINIQSFGND DRTNTEPNTK ITTNTGRQES TSSTNYDTST TSTDSSQVYS SEPGNGAKDL LSDNVHFGP
Species	Homo sapiens(Human)
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DSG1 recombinant protein

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.

Product Categories/Family for DSG1 recombinant protein	Signal Transduction; Transmembrane Protein
References	"Desmosomal glycoprotein DGI, a component of intercellular desmosome junctions, is related to the cadherin family of cell adhesion molecules."Wheeler G.N., Parker A.E., Thomas C.L., Ataliotis P., Poynter D., Arnemann J., Rutman A.J., Pidsley S.C., Watt F.M., Rees D.A., Buxton R.S., Magee A.I.Proc. Natl. Acad. Sci. U.S.A. 88:4796-4800(1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119703744
NCBI GeneID	1828
NCBI Accession #	NP_001933.2
NCBI GenBank Nucleotide #	NM_001942.3
UniProt Accession #	Q02413; B7Z845
Molecular Weight	60.4 kDa
NCBI Official Full Name	desmoglein-1 preproprotein
NCBI Official Synonym Full Names	desmoglein 1
NCBI Official Symbol	DSG1
NCBI Official Synonym Symbols	DG1; DSG; CDHF4; EPKHE; PPKS1; SPPK1; EPKHIA
NCBI Protein Information	desmoglein-1
UniProt Protein Name	Desmoglein-1
UniProt Gene Name	DSG1
UniProt Synonym Gene Names	CDHF4; DG1; DGI

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/dsg1-recombinant-protein-cell-free-expression/26994>