

Recombinant Human DSG3 Protein (50-615 aa), His-SUMO-tagged

Cat. No. DSG3-461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG3 Protein (50-615 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Adhesion. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	50-615 aa
Description	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	79.0 kDa
AA Sequence	EWVKFAKPCREGEDNSKRNP IAKITSDYQATQKITYRISGV GIDQPPFGIFVVDKNTG DINITAIVDREETPSFLITC RALNAQGLDVEKPLILTVK ILDINDNPPVFSQQIFMGE IEE NSASNSLVMILNATDAEPN HLNSKIAFKIVSQEPAGTP MFLLSRNTGEVRTLTNSLD REQASSYRLVSGADKDGEG LSTQCECNKVKDVNDNFP MFRDSQYSARIEENILSS ELLRFQVTDLDEEYTDNL WAVYFFTSNEGNWFIEIQ TDPRTNEGILKVVKALDYE QL QSVKLSIAVKNKAEFHQSV ISRYRVQSTPVTIQVINVR EGIAFRPASKTFTVQKGIS SK KLVDYILGTYQAIDEDTN KAASNVKYVMGRNDGGYL MIDSKTAEIKFVKNMNRD STFI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VNKTITAEVLAIDEYTGKTSTGTVYVRVPDFDNCPTAVLEKDAVCSSSPSVVVSART
LNNRYTGPYTFALDQPVKLPVWSITTLNATSALLRAQEQIPPGVYHISLVLTDSQN
NRCEMPRSLTLEVCQCDNRGICGTSYPTTSPGTRYGRPHSGR

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name [DSG3 desmoglein 3 \[Homo sapiens \]](#)

Official Symbol [DSG3](#)

Synonyms DSG3; desmoglein 3; desmoglein-3; CDHF6; PVA; DKFZp686P23184;

Gene ID [1830](#)

mRNA Refseq [NM_001944](#)

Protein Refseq [NP_001935](#)

MIM [169615](#)

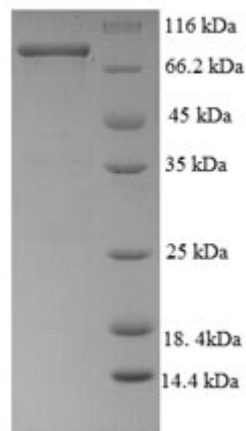
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UniProt ID

P32926



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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