

Recombinant Human DSG3 protein, His-SUMO-tagged

Cat. No. DSG3-2825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG3 protein(P32926)(70-615aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	70-615aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	76.6 kDa
AA Sequence	IAKITS DYQATQKITYRISGVGIDQPPFGIFVVDKNTGDINITAIVDREETPSFLITCRAL NAQGLDVEKPLILTVKILDINDNPPVFSQQIFMGEIEENSASNSLVMILNATDADEPNH LNSKIAFKIVSQEPAGTPMFLSRNTGEVRTLTNSLDREQASSYRLVVSGADKDGEG LSTQCECNKVKDVNDNPFMRDSQYSARIEENILSSELLRFQVTDLDEEYTDNLWA VYFFTS GNEGNWF EIQTDPRTNEGILKVVKALDYEQLQSVKLSIAVKNKAEFHQSVIS RYRVQSTPVTIQVINVREGIAFRPASKTFTVQKGISSKKLVDYILGT YQ AIDEDTNKAA SNVKYVMGRNDGGYLMIDSKTAEIKFVKNMNRDSTFIVNKTITAEVLAIDEYTGKTST GTVYVRVPDFNDNCPTAVLEKDAVCSSSPSVVVSARTLNNRYTGPYTFAL EDQPVK LPAVWSITTLNATSALLRAQE QIPPGVYHISLVLTDSQNNRCEMPRSLTLEV CQCDN

 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

RGICGTSYPTTSPGTRYGRPHSGR

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

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

Official Symbol [DSG3](#)

Synonyms DSG3; desmoglein 3; desmoglein 3 (pemphigus vulgaris antigen); desmoglein-3; CDHF6; pemphigus vulgaris antigen; cadherin family member 6; 130-kD pemphigus vulgaris antigen; 130 kDa pemphigus vulgaris antigen; PVA; DKFZp686P23184;

Gene ID [1830](#)

mRNA Refseq [NM_001944](#)

Protein Refseq [NP_001935](#)

MIM [169615](#)

UniProt ID [P32926](#)

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