

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 SNVKYVMGRNDGGYLMIDSKTAEIKFVKNMNRDSTFIVNK TITAEVLAIDEYTGKTST GTVYVRVPDFNDNCPTAVLEKDAVCSSSPSVVVSARTLNNRYTGPYTFAL EDQPVK LPAVWSITTLNATSALLRAQE QIPPGVYHISLVLTDSQNNRC EMPRSLTLEV CQCDN

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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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