

Recombinant Human DSG3 protein, His-tagged

Cat. No. DSG3-2827H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG3 protein(P32926)(50-615aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	50-615aa
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	67.0 kDa
AA Sequence	EWVKFAKPCREGEDNSKRNP IAKITSDYQATQKITYRISGV GIDQPPFGIFVVDKNTG DINITAIVDREETPSFLITCR ALNAQGLDVEKPLILTVKIL DINDNPPVFSQQIFMGEIEE NSASNSLVMILNATDADEPN HLNSKIAFKIVSQEPAGTPM FLLSRNTGEVRTLTNSLD REQASSYRLVVGADKDGEG LSTQCECNIVKDVNDNFPM FRDSQYSARIEENILSS ELLRFQVTDLDEEYTDNWL AVYFFTSNGEGNWFEIQTD PRTNEGILKVVKALDYEQL QSVKLSIAVKNKAEFHQSV ISRVRVQSTPVTIQVINVRE GIAFRPASKTFTVQKGISSK KLVDYILGTYQAIDEDTNKA ASNKYYVMGRNDGGYLMID SKTAEIKFVKNMNRDSTFI VNKTITAEVLAIDEYTGKT STGTVYVRVPDFNDNCPT AVLEKDAVCSSSPSVVVS ARTLNNRYTGPYTFAL EDQPVKLPVWSITTLNATS ALLRAQEIQPPGVYHISL VLTDSQN

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NRCEMPRSLTLEVCQCDNRGICGTSYPTTSPGTRYGRPHSGR

Purity Greater than 85% 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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