

Recombinant Human DSG1 protein, His-SUMO & Myc-tagged

Cat. No. DSG1-2458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG1 protein(Q02413)(50-548aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	50-548aa
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	75.4 kDa
AA Sequence	EWIKFAAACREGEDNSKRNP IAKIHSDCAANQQV TYRISGVGIDQPPY GIFVINQKTG EINIT SIVDREVT PFFIIYCRALNSMGQDLERPLELRVRVLDINDNPPVFSMATFAGQIE ENSNANTLVMILNATDADEPNLNLSKIAFKIIRQEPSDSPMFIINRNTGEIRTMNNFLD REQYGGQYALAVRGSDRDGGADGMSAECECNIKILDVNDNIPYMEQSSYTIEIQENTL NSNLLEIRVIDLDEEFSANWMAVIFFIISGNEGNWFEIEMNERTNVGILKVVKPLDYEA MQSLQLSIGVRNKA EFHHSIMSQYKLKAS AISVTVLNVIEGPVFRPGSKTYVVTGNM GSNDKVGDFVATDLD TGRPSTTVRYVMGNPNADLLAVDSRTGKLT LKNKVTKEQYN MLGGKYQG TILSIDDNLQRTCTGTININIQSFGNDDRTNTEPNTKITNTNTGRQESTSS TNYDTSTTSTDSSQVYSSEPGNGAKDLLSDNVHFGP

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°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%. Customers could use it as reference.

GENE INFORMATION

Gene Name	DSG1 desmoglein 1 [Homo sapiens]
Official Symbol	DSG1
Synonyms	DSG1; desmoglein 1; DSG; desmoglein-1; CDHF4; DGI; cadherin family member 4; desmosomal glycoprotein 1; pemphigus foliaceus antigen; DG1; PPKS1; SPPK1;
Gene ID	1828
mRNA Refseq	NM_001942
Protein Refseq	NP_001933
MIM	125670
UniProt ID	Q02413

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