

## Recombinant Human DSG1 protein(50-609aa), His-tagged

Cat. No. DSG1-1794H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DSG1 protein(Q14126)(50-609aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	50-609aa
<b>Form</b>	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.
<b>Molecular Mass</b>	68.4 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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**AA Sequence**

AWITAPVALREGEDLSKKNPIAKIHSDLAERGLKITYKYTGKGGITEPPFGIFVFNKDT  
 GELNVTSILDREETPFLLTGYALDARGNVEKPLELRIKVLVDINDNEPVFTQDVFVG  
 SVEELSAHTLVMKINATDADEPNTLNSKISYRIVSLEPAYPPVFYLNKDTGEIYTTSV  
 TLDREEHSSYTLTVEARDGNGEVTDKPKVQAQVQIRILDVNDNIPVVENKVLEGMVE  
 ENQVNVEVTRIKVFDADEIGSDNWLANFTFASGNEGGYFHIETDAQTNEGIVTLIKEV  
 DYEEMKNLDFSVIVANKAAFHKSIRSKYKPTPIPIKVKVKNVKEGIHFKSSVISIYVSES  
 MDRSSKGQIIGNFQAFDEDTGLPAHARYVKLEDRDNWISVDSVTSEIKLAKLPDFES  
 RYVQNGTYTVKIVAISEDYPRKTITGTVLINVEDINDNCPTLIEPVQTICHDAEYVNVTA  
 EDLDGHPNSGPFSSVIDKPPGMAEKWKIARQUESTSVLLQQSEKKLGRSEIQFLISD  
 NQGFCPEKQVLTTLTVCECLHGSGCREAQHDSYVG

**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](#)

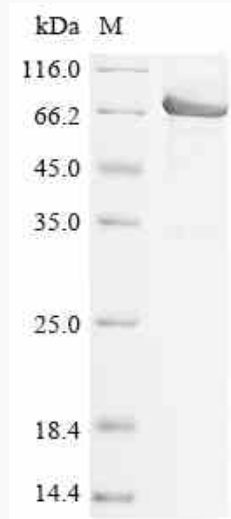
**UniProt ID** [Q02413](#)

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**SDS-PAGE**



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