

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

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

SPECIFICATION

Product Overview	Recombinant Human DSG1 protein(Q14126)(50-609aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	50-609aa
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	68.4 kDa
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	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

AWITAPVALREGEDLSKKNPIAKIHSDLAERGLKITYKYTGKGITEPPFGIFVFNKDT
 GELNVTSLDREETPFLLTGYALDARGNNEKPLELRIKVLNDINDNEPVFTQDVFG
 SVEELSAHTLVMKINATDADEPNTLNSKISYRIVSLEPAYPPVFYLNKDTGEIYTTSV
 TLDREEHSSYTLTVEARDGNGEVTDPVKQAQVQIRILDVNDNIPVVENKVLEGMVE
 ENQVNVEVTRIKVFDADIEGSDNWLANFTFASGNEGGYFHIETDAQTNIEGIVTLIKEV
 DYEEMKNLDFSVIVANKAAFHKSIRSKYKPTPIPIKVKVKNVKEGIIHFKSSVISIYVSES
 MDRSSKGQIIGNFQAFDEDTGLPAHARYVKLEDRDNWISVDSVTSEIKLAKLPDFES
 RYVQNGTYTVKIVAISEDYPRKTITGTVLINVEDINDNCPTLIEPVQTICHDAEYVNVT
 EDLDGHPNSGPFSSVIDKPPGMAEKWKIARQUESTSVLLQQSEKKLGRSEIQFLISD
 NQGFSCPEKQVLTTLTVCECLHGSGCREAQHDSYVG

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](#)

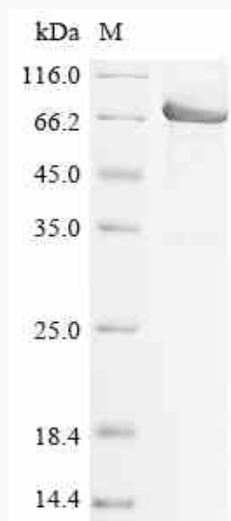
UniProt ID [Q02413](#)

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SDS-PAGE



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