

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

AWITAPVALREGEDLSKKNPIAKIHSDLAERGLKITYKYTGKGITEPPFGIFVFNKDT
 GELNVTSLDREETPFLLTGYALDARGNNEKPLELRIKVLNDNEPVFTQDVFVG
 SVEELSAHTLVMKINATDADEPNTLNSKISYRIVSLEPAYPPVFYLNKDTGEIYTTSV
 TLDREEHSSYTLTVEARDGNGEVTDPKPKQAQVQIRILDVNDNIPVVENKVLEGMVE
 ENQVNVEVTRIKVFDADAIGSDNWLANFTFASGNEGGYFHIETDAQTNNEGIVTLIKEV
 DYEEMKNLDFSVIVANKAAFHKSIRSKYKPTPIPIKVKVKNVKEGIHFKSSVISIYVSES
 MDRSSKGQIIGNFQAFDEDTGLPAHARYVKLEDRDNWISVDSVTSEIKLAKLPDFES
 RYVQNGTYTVKIVAISEDYPRKTITGTVLINVEDINDNCPTLIEPVQTICHDAEYVNVT
 EDLDGHPNSGPFSSVIDKPPGMAEKWKIARQUESTSVLLQQSEKKLGRSEIQFLISD
 NQGFSCPEKQVLTTLTVCECLHGSGCREAQHDSYVG

GENE INFORMATION

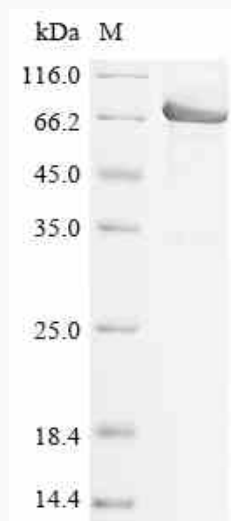
Gene Name	DSG1 desmoglein 1 [Homo sapiens]
Official Symbol	DSG1
Synonyms	DSG1; desmoglein 1; DSG; desmoglein-1; CDHF4; DGI; cadherin family member 4; desmosomal glycoprotein 1; pemphigus foliaceus antigen; DG1; PPKS1; SPPK1;
Gene ID	1828
mRNA Refseq	NM_001942
Protein Refseq	NP_001933
MIM	125670
UniProt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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA