

Recombinant Human DSG2 protein, His&Myc-tagged

Cat. No. DSG2-4426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG2 protein(Q14126)(50-609aa), fused to N-terminal His tag and C-terminal Myc 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	67.5 kDa
AA Sequence	AWITAPVALREGEDLSKKNPIAKIHSDLAEEERGLKITYKYTGKGITEPPFGIFVFNKDT GELNVTSILDREETPFFLLTGYALDARGNNVEKPLELRIKVLNDINDNEPVFTQDVFVG SVEELSAHTLVMKINATDADEPNTLNSKISYRIVSLEPAYPPVFYLNKDTGEIYTTTSV TLDREEHSSYTLTVEARDGNGEVTDKPKVQAQVQIRILDVNDNIPVVENKVLEGMVE ENQVNVEVTRIKVFDADEIGSDNWLANFTFASGNEGGYFHIETDAQTNNEGIVTLIKEV DYEEMKNLDFSVIVANKAAFHKSIRSKYKPTPIPIKVVKVKNVKEGIHFKSSVISIYVSES MDRSSKGQIIGNFQAFDEDTGLPAHARYVKLEDRDNWISVDSVTSEIKLAKLPDFES RYVQNGTYTVKIVAISEDYPRKTITGTVLINVEDINDNCPTLIEPVQTICHDAEYVNVTA EDLDGHPNSGPFSSVIDKPPGMAEKWKIARQUESTSVLLQQSEKKLGRSEIQFLISD

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NQGFSCPEKQVLTTLTVCECLHGSGCREAQHDSYVG

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 [DSG2 desmoglein 2 \[Homo sapiens \]](#)

Official Symbol [DSG2](#)

Synonyms DSG2; desmoglein 2; desmoglein-2; CDHF5; HDGC; cadherin family member 5; ARVC10; ARVD10; CMD1BB; MGC117034; MGC117036; MGC117037;

Gene ID [1829](#)

mRNA Refseq [NM_001943](#)

Protein Refseq [NP_001934](#)

MIM [125671](#)

UniProt ID [Q14126](#)

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