

## Recombinant Human DSG2 protein, His&Myc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DSG2 protein(Q14126)(50-609aa), fused to N-terminal His tag and C-terminal Myc 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>	67.5 kDa
<b>AA Sequence</b>	AWITAPVALREGEDLSKKNPIAKIHSDLAERGLKITYKYTGKGITEPPFGIFVFNKDT GELNVTSILDREETPFLLTGYALDARGNNVEKPLELRIKVLINDNEPVFTQDVFVG SVEELSAHTLVMKINATDADEPNTLNSKISYRIVSLEPAYPPVFYLNKDTGEIYTTTSV TLDREEHSSYTLTVEARDGNGEVTDKPKVQAQVQIRILDVNDNIPVVENKVLEGMVE ENQVNVEVTRIKVFDAADEIGSDNWLANFTFASGNEGGYFHIETDAQTNEGIVTLIKEV DYEEMKNLDFSVIVANKAAFHKSIRSKYKPTPIPIKVKVKNVKEGIHFKSSVISIYVSES 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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