

## 32-18270: Human DSG2(50-609) Protein, His Tag

**Uniprot ID :** Q14126

**Alternative Name :** CDHF5;HDGC

### Description

**Description :** Recombinant Human DSG2(50-609) Protein with C-terminal 6xHis tag

**Background :** This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10.

**Molecular Characterization:** mass of 63.3 kDa after removal of the signal peptide. The apparent molecular mass of DSG2(50-609)-His is approximately 70-100 kDa due to glycosylation.

**Tag :** C-6xHis Tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

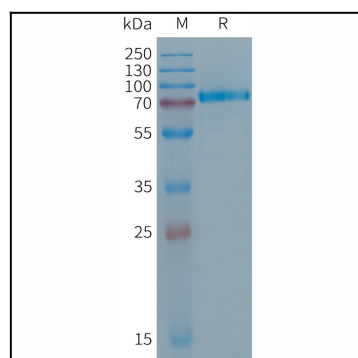


Figure 1. Human DSG2(50-609) Protein, His Tag on SDS-PAGE under reducing condition.