



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | DSG2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms                     | CDHF5;HDGC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Description                  | Recombinant Human DSG2(50-609) Protein with C-terminal 6×His tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Uniprot ID                   | Q14126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tag                          | C-6×His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molecular Characterization   | DSG2(Ala50-Gly609) 6×His tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molecular Weight             | The protein has a predicted molecular 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.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                       | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage & Shipping           | 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.                                                                                                                                                                                                                                                                                                                                                                      |
| 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. [provided by RefSeq, Jan 2016] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



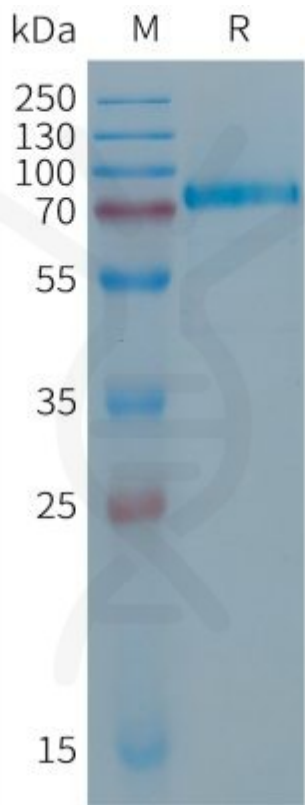


Figure 1.Human DSG2(50-609) Protein, His Tag on SDS-PAGE under reducing condition.

