9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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 6×His 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-6×His 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.

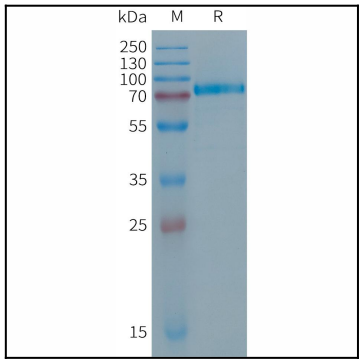

Figure 1.Human DSG2(50-609) Protein, His Tag on SDS-PAGE under reducing condition.

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