PRODUCT INFORMATION

Target	DSG2
Synonyms	CDHF5;HDGC
Description	Recombinant Human DSG2(24-609) Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q14126
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	DSG2(Leu24-Gly609) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 66.4 kDa after removal of the signal peptide. The apparent molecular mass of DSG2(24-609)-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

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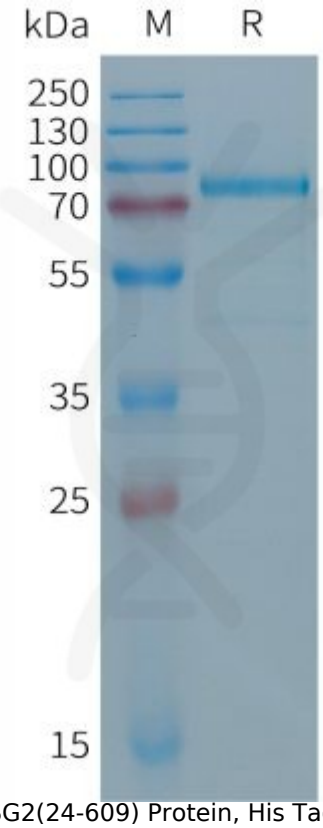


Figure 1.Human DSG2(24-609) Protein, His Tag on SDS-PAGE under reducing condition.

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