



# Recombinant Human Desmoglein-1 (DSG1), partial

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| <b>Product Code</b>      | CSB-CF861938HUb3   |
| <b>Relevance</b>         | Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q02413   |
| <b>Product Type</b>      | Transmembrane Protein  |
| <b>Immunogen Species</b> | Homo sapiens(Human)  |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>          | EWIKFAAACREGEDNSKRNPiAKIHSDCAANQQVTYRISGVGIDQPPYGIFVIN<br>QKTGEINITSVDREVTFFIIYCRALNSMGQDLERPLELRVRLDINDNPPVFS<br>MATFAGQIEENSNANTLVMILNATDADEPNLNSKIAFKIIRQEPDSDSPMFIINRN<br>TGEIRTMNFLDREQYGQYALAVRGSDDRGGADGMSAECECNKILDVNDNIP<br>YMEQSSYTIEIQENTLNSNLEIRVIDLDEEFSANWMAVIFFIGNEGNWFEIEM<br>NERTNVGILKVVKPLDYEAMQSLQLSIGVRNKAEFHHSIMSQYKLGASISVTV<br>LNVIEGPVFRPGSKTYVVTGNMGSNDKVGDFVATDLDTGRPSTTVRYVMGNN<br>PADLLAVDSRTGKLTlKNKVTKEQYNMLGGKYQGtILSIDDNLQRTCTGTININI<br>QSFgnDDRTNTEPNtkITNTGRQESTSSTNYDTSTTSTDSSQVYSSEPGNG<br>AKDLLSDNVHFGP |
| <b>Research Area</b>     | Signal Transduction  |
| <b>Source</b>            | in vitro E.coli expression system  |
| <b>Target Names</b>      | DSG1   |
| <b>Protein Names</b>     | Cadherin family member 4Desmosomal glycoprotein 1  |
| <b>Expression Region</b> | 50-548aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged  |
| <b>Mol. Weight</b>       | 75.4kDa  |
| <b>Protein Length</b>    | Extracellular Domain   |
| <b>Image</b>             |  |

