

## Recombinant Human DSG1 Protein (Glu50-Pro548), N-His tagged

**Cat. No.** DSG1-1994H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human DSG1 (Glu50-Pro548) fused with N-His tag was expressed in E. coli.                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Glu50-Pro548                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 52.56 kDa                                                                                                                                                                               |
| <b>Purity</b>           | >90% as determined by SDS-PAGE                                                                                                                                                          |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | 0.01M PBS, pH 7.4, 0.02% NLS                                                                                                                                                            |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |

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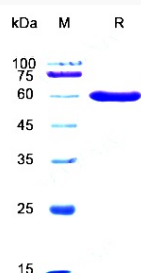
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

|                        |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DSG1 desmoglein 1 [ Homo sapiens (human) ]                                                                                                              |
| <b>Official Symbol</b> | DSG1                                                                                                                                                    |
| <b>Synonyms</b>        | DSG1; desmoglein 1; DSG; desmoglein-1; CDHF4; DGI; cadherin family member 4; desmosomal glycoprotein 1; pemphigus foliaceus antigen; DG1; PPKS1; SPPK1; |
| <b>Gene ID</b>         | 1828                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_001942                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_001933                                                                                                                                               |
| <b>MIM</b>             | 125670                                                                                                                                                  |
| <b>UniProt ID</b>      | Q02413                                                                                                                                                  |

## SDS-PAGE



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