

## Recombinant Human DSG4 Protein, GST-tagged

Cat. No. DSG4-2891H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human DSG4 partial ORF ( NP_817123, 531 a.a. - 630 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Wheat Germ  |
| <b>Description</b>      | This gene encodes a member of the desmoglein subgroup of desmosomal cadherins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a transmembrane component of desmosomes and may play a role in cell-cell adhesion in epithelial cells. Mutations in the gene are associated with localized autosomal recessive hypotrichosis and monilethrix, characterized by impaired hair growth. [provided by RefSeq, May 2016] |
| <b>Molecular Mass</b>   | 36.74 kDa   |
| <b>AA Sequence</b>      | EPPGIADMWDVVRSTNATSAILTAKQVLSPGFYEIPIILVKDSYNRACELAQMVQLYAC<br>DCDDNHMCLDSGAAGIYTEDITGDTYGPVTEQAGVSNVGLGP   |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array   |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** DSG4 desmoglein 4 [ Homo sapiens ]

**Official Symbol** DSG4

**Synonyms** DSG4; desmoglein 4; desmoglein-4; CDHF13; LAH; CDH family member 13; cadherin family member 13; CDGF13;

**Gene ID** 147409

**mRNA Refseq** NM\_001134453

**Protein Refseq** NP\_001127925

**MIM** 607892

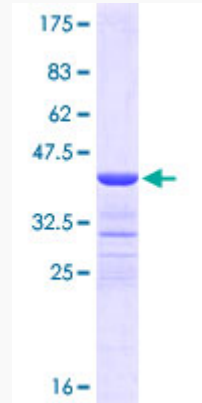
**UniProt ID** Q86SJ6

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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