

Recombinant Human DSG4, GST-tagged

Cat. No. DSG4-12180H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	855-1040a.a.
Description	This gene encodes a member of the desmoglein subgroup of desmosomal cadherins. The encoded protein is a transmembrane component in 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 potentially in other skin disorders. Alternate splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DSG4 desmoglein 4 [Homo sapiens]
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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
Chromosome Location	18q12.1
Function	calcium ion binding;

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