

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 Na₂HPO₄, 17mM NaH₂PO₄, 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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