Recombinant Human DSC3 Protein, GST-tagged

Cat. No. DSC3-2881H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DSC3 partial ORF (NP_001932, 585 a.a. - 684 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Mutations in this gene are a cause of hypotrichosis and recurrent skin vesicles disorder. The protein can act as an autoantigen in pemphigus diseases, and it is also considered to be a biomarker for some cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]
Molecular Mass	36.74 kDa
AA Sequence	CKPKMGYTDILAVDPDEPVHGAPFYFSLPNTSPEISRLWSLTKVNDTAARLSYQKNA GFQEYTIPITVKDRAGQAATKLLRVNLCECTHPTQCRATSRST
Applications	Enzyme-linked Immunoabsorbent Assay

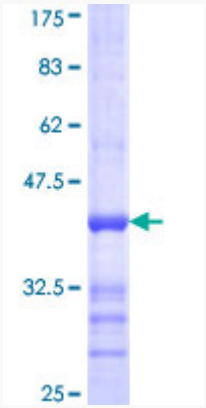
Tel: 1-631-559-9269 1-516-512-3133
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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DSC3 desmocollin 3 [Homo sapiens]
Official Symbol	DSC3
Synonyms	DSC3; desmocollin 3; DSC4; desmocollin-3; CDHF3; DSC; DSC1; DSC2; desmocollin-4; cadherin family member 3; HT-CP;
Gene ID	1825
mRNA Refseq	NM_001941
Protein Refseq	NP_001932
MIM	600271
UniProt ID	Q14574

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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