

## Recombinant Human DSC2 Protein, MYC/DDK-tagged

Cat. No. DSC2-2527H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human DSC2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

**Species** Human

**Source** HEK293

**Description** This gene encodes a member of the desmocollin protein subfamily. Desmocollins, along with desmogleins, are cadherin-like transmembrane glycoproteins that are major components of the desmosome. Desmosomes are cell-cell junctions that help resist shearing forces and are found in high concentrations in cells subject to mechanical stress. This gene is found in a cluster with other desmocollin family members on chromosome 18. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia-11, and reduced protein expression has been described in several types of cancer. Alternative splicing results in multiple transcript variants.

**Form** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

**Molecular Mass** 97 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

<b>Gene Name</b>	DSC2 desmocollin 2 [ Homo sapiens ]
<b>Official Symbol</b>	DSC2
<b>Synonyms</b>	ARVD11; CDHF2; DG2; DGII/III; DSC3
<b>Gene ID</b>	1824
<b>mRNA Refseq</b>	NM_004949
<b>Protein Refseq</b>	NP_004940
<b>MIM</b>	125645
<b>UniProt ID</b>	Q02487

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