

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

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

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