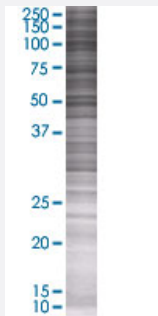


DSC2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001824-T01

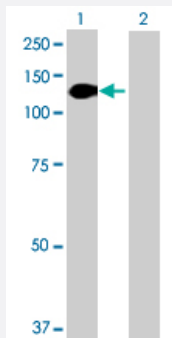
Size 100 uL

Applications



SDS-PAGE Gel

DSC2 transfected lysate.



Western Blot

Lane 1: DSC2 transfected lysate (93.28 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-DSC2 full-length

Host Human

Theoretical MW (kDa) 93.28

Quality Control Testing Transient overexpression cell lysate was tested with Anti-DSC2 antibody ([H00001824-B01](#)) by Western Blots.
SDS-PAGE Gel
DSC2 transfected lysate.
Western Blot
Lane 1: DSC2 transfected lysate (93.28 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — DSC2

Entrez GeneID	1824
GeneBank Accession#	NM_004949.2
Protein Accession#	NP_004940.1
Gene Name	DSC2
Gene Alias	ARVD11, CDHF2, DG2, DGI/III, DKFZp686I11137, DSC3
Gene Description	desmocollin 2
Omim ID	125645 610476
Gene Ontology	Hyperlink
Gene Summary	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 associated with arrhythmogenic right ventricular dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq]
Other Designations	desmosomal glycoprotein II/III

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)

Disease

- [Arrhythmias](#)
- [Arrhythmogenic Right Ventricular Dysplasia](#)
- [Cardiomyopathy](#)
- [Genetic Predisposition to Disease](#)