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Product datasheet for LC417636

Desmocollin 2 (DSC2) (NM_004949) Human Over-expression Lysate

Product data:

Product Type:	Over-expression Lysates
Description:	DSC2 HEK293T cell transient overexpression lysate (as WB positive control)
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	TrueORF Clone RC222207
Tag:	C-Myc/DDK
Detection Antibodies:	Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)
ACCN:	NM_004949, NP_004940
Synonyms:	ARVD11; CDHF2; DG2; DGII/III; DSC3
Predicted MW:	93.77 kDa
Components:	1 vial of 20 ug lyophilized gene specific transient over-expression cell lysate
Storage:	The lysate can be shipped at ambient temperature. Upon receiving, store the sample at -20°C. Lysate samples can be reconstituted with SDS Sample Buffer. Avoid repeated freeze-thaw cycles after reconstitution. Lysate samples are stable for 12 months from date of receipt when stored at -20°C.
Preparation:	HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT200002) and 5ug TrueORF cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). To facilitate transportation and protein, the products are supplied as lyophilized proteins.
RefSeq:	NP_004940
Locus ID:	1824
Cytogenetics:	18q12.1
Protein Families:	Transmembrane
Protein Pathways:	Arrhythmogenic right ventricular cardiomyopathy (ARVC)

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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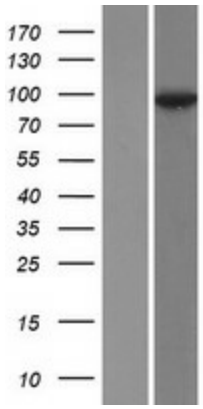
Product images:



Western blot validation of overexpression lysate (Cat# [LY417636]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC222207] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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