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Product datasheet for RC212294L1V

Desmoglein 2 (DSG2) (NM_001943) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Desmoglein 2 (DSG2) (NM_001943) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Desmoglein 2
Synonyms:	CDHF5; HDGC
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001943
ORF Size:	3354 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC212294).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001943.2
RefSeq Size:	3450 bp
RefSeq ORF:	3357 bp
Locus ID:	1829
UniProt ID:	Q14126
Cytogenetics:	18q12.1
Domains:	CA
Protein Families:	Transmembrane

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Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC)

MW: 122.29 kDa

Gene Summary: This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10. [provided by RefSeq, Jan 2016]