

Product datasheet for **RC214491L3V**

Desmocollin 1 (DSC1) (NM_024421) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Desmocollin 1 (DSC1) (NM_024421) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Desmocollin 1
Synonyms:	CDHF1; DG2/DG3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024421
ORF Size:	2682 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214491).
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_024421.1 , NP_077739.1
RefSeq Size:	4225 bp
RefSeq ORF:	2685 bp
Locus ID:	1823
UniProt ID:	Q08554
Cytogenetics:	18q12.1
Protein Families:	Transmembrane
MW:	96.9 kDa



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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. A subtype of IgA pemphigus, a life-threatening autoimmune disease, is characterized by the presence of autoantibodies that target the encoded protein. The desmosomal family members are arranged in two clusters on chromosome 18. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature protein. [provided by RefSeq, Nov 2015]