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Product datasheet for RC215512L3V

Desmocollin 3 (DSC3) (NM_001941) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Desmocollin 3 (DSC3) (NM_001941) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Desmocollin 3
Synonyms:	CDHF3; DSC; DSC1; DSC2; DSC4; HT-CP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001941
ORF Size:	2688 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC215512).`
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_001941.3
RefSeq Size:	6935 bp
RefSeq ORF:	2691 bp
Locus ID:	1825
UniProt ID:	Q14574
Cytogenetics:	18q12.1
Domains:	Cadherin_C_term, CA
Protein Families:	Transmembrane

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MW: 100.4 kDa

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 a cause of hypotrichosis and recurrent skin vesicles disorder. The protein can act as an autoantigen in pemphigus diseases, and it is also considered to be a biomarker for some cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]