

Product datasheet for **RC226314L4V**

Desmoglein 4 (DSG4) (NM_001134453) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Desmoglein 4 (DSG4) (NM_001134453) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Desmoglein 4
Synonyms:	CDGF13; CDHF13; HYPT6; LAH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134453
ORF Size:	3177 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226314).
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_001134453.1
RefSeq ORF:	3180 bp
Locus ID:	147409
UniProt ID:	Q86SJ6
Cytogenetics:	18q12.1
Protein Families:	Transmembrane
MW:	115.45 kDa


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Gene Summary:

This gene encodes a member of the desmoglein subgroup of desmosomal cadherins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a transmembrane component of desmosomes and may play a role in cell-cell adhesion in epithelial cells. Mutations in the gene are associated with localized autosomal recessive hypotrichosis and monilethrix, characterized by impaired hair growth. [provided by RefSeq, May 2016]