

Product datasheet for **MR220643L4V**

Dsg4 (NM_181564) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dsg4 (NM_181564) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dsg4
Synonyms:	CDHF13; l; lah
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181564
ORF Size:	3123 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220643).
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_181564.2 , NP_853543.1
RefSeq Size:	3478 bp
RefSeq ORF:	3126 bp
Locus ID:	16769
UniProt ID:	Q7TMD7
Cytogenetics:	18 11.35 cM



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Gene Summary:

This gene encodes a member of the cadherin family of proteins that forms an integral transmembrane component of desmosomes, the multiprotein complexes involved in cell adhesion, organization of the cytoskeleton, cell sorting and cell signaling. This gene is expressed in the suprabasal epidermis and hair follicle. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. Certain mutations in this gene are responsible for the lanceolate hair phenotype in mice. This gene is located in a cluster of desmosomal cadherin genes on chromosome 18. [provided by RefSeq, Feb 2016]