

Product datasheet for MR220643L4

Dsg4 (NM_181564) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Dsg4 (NM_181564) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Dsg4

Synonyms: CDHF13; I; lah Puromycin

Mammalian Cell

Selection:

pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

The ORF insert of this clone is exactly the same as(MR220643). **ORF Nucleotide**

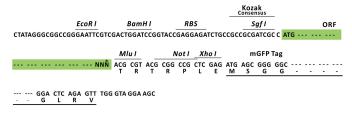
Sequence:

Vector:

Sgfl-Mlul

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_181564

ORF Size: 3123 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Dsg4 (NM_181564) Mouse Tagged Lenti ORF Clone - MR220643L4

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

18 11.35 cM

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 181564.2</u>, <u>NP 853543.1</u>

 RefSeq Size:
 3478 bp

 RefSeq ORF:
 3126 bp

 Locus ID:
 16769

 UniProt ID:
 Q7TMD7

Cytogenetics:

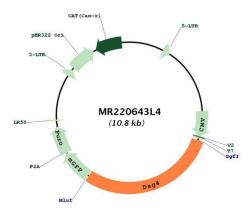
Gene Summary: This gene encodes a member of the cadherin family of proteins that fo

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]



Product images:



Circular map for MR220643L4