

## Product datasheet for **MR218566L4V**

### Dsc1 (NM\_013504) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Dsc1 (NM_013504) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dsc1
Synonyms:	1110020A10Rik; AI507491; Dsc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013504
ORF Size:	2499 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218566).
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. <a href="#">More info</a>
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:	<a href="#">NM_013504.4</a> , <a href="#">NP_038532.3</a>
RefSeq Size:	5007 bp
RefSeq ORF:	2499 bp
Locus ID:	13505
Cytogenetics:	18 A2


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**Gene Summary:**

This gene encodes a member of the cadherin family of proteins that mediates adhesion in desmosomes. The encoded preproprotein undergoes proteolytic processing to generate the mature, functional protein. Mice lacking the encoded protein exhibit epidermal fragility together with defects of epidermal barrier and differentiation. The neonatal mice lacking the encoded protein exhibit epidermal lesions and older mice develop chronic dermatitis. This gene is located in a cluster of desmosomal cadherin genes on chromosome 18. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Jan 2016]