

Product datasheet for **MR220216L4V**

Dsg1b (NM_181682) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dsg1b (NM_181682) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dsg1b
Synonyms:	Dsg; dsg1-beta; Dsg5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181682
ORF Size:	3183 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220216).
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_181682.1 , NP_859010.1
RefSeq Size:	3404 bp
RefSeq ORF:	3183 bp
Locus ID:	225256
UniProt ID:	Q7TSF1
Cytogenetics:	18 11.32 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. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. This gene is located in a cluster of desmosomal cadherin genes on chromosome 18. [provided by RefSeq, Jan 2016]