

Product datasheet for **RR204911L4V**

Mstn (NM_019151) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mstn (NM_019151) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Mstn
Synonyms:	Gdf8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019151
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204911).
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_019151.1 , NP_062024.1
RefSeq Size:	1131 bp
RefSeq ORF:	1131 bp
Locus ID:	29152
UniProt ID:	O35312
Cytogenetics:	9q22



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Gene Summary:

This gene encodes a member of the TGF-beta (transforming growth factor-beta) family of proteins. The encoded preproprotein is proteolytically processed to generate an N-terminal propeptide and a C-terminal subunit. The C-terminal subunits form the mature homodimer, which negatively regulates skeletal muscle cell proliferation and differentiation. Mutations in this gene are associated with increased skeletal muscle mass in humans and other mammals. [provided by RefSeq, Jun 2016]