

Product datasheet for **MR207442L4V**

Msl3 (NM_010832) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Msl3 (NM_010832) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Msl3
Synonyms:	AU018931; Msl3l1; Msl3l
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010832
ORF Size:	1401 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207442).
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_010832.2 , NP_034962.2
RefSeq Size:	3338 bp
RefSeq ORF:	1401 bp
Locus ID:	17692
UniProt ID:	Q9WVG9
Cytogenetics:	X F5



[View online »](#)

Gene Summary:

Has a role in chromatin remodeling and transcriptional regulation. Has a role in X inactivation. Component of the MSL complex which is responsible for the majority of histone H4 acetylation at 'Lys-16' which is implicated in the formation of higher-order chromatin structure. Specifically recognizes histone H4 monomethylated at 'Lys-20' (H4K20Me1) in a DNA-dependent manner and is proposed to be involved in chromosomal targeting of the MSL complex.[UniProtKB/Swiss-Prot Function]