

Product datasheet for **MR227031L1V**

Sox9 (NM_011448) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sox9 (NM_011448) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sox9
Synonyms:	2010306G03Rik; AV220920; mKIAA4243
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_011448
ORF Size:	1521 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227031).
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_011448.4 , NP_035578.3
RefSeq Size:	4146 bp
RefSeq ORF:	1524 bp
Locus ID:	20682
UniProt ID:	Q04887
Cytogenetics:	11 77.27 cM



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Gene Summary:

Transcriptional regulator that plays a role in chondrocytes differentiation and skeletal development (PubMed:20940257, PubMed:28263186). Binds to the COL2A1 promoter and activates COL2A1 expression, as part of a complex with ZNF219 (PubMed:20940257). [UniProtKB/Swiss-Prot Function]