Product datasheet for MR203609L4V

Hoxa9 (NM_010456) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hoxa9 (NM_010456) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hoxa9
Synonyms:	D6a; D6a9; Hox-1.; Hox-1.7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010456
ORF Size:	816 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203609).
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_010456.2, NP_034586.1
RefSeq Size:	3229 bp
RefSeq ORF:	816 bp
Locus ID:	15405
UniProt ID:	P09631
Cytogenetics:	6 25.4 cM

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Gene Summary: This gene is located in a cluster of developmentally and temporally regulated genes on chromosome 6 encoding proteins involved in pattern formation. These proteins contain a characteristic DNA-binding motif called a homeodomain and function in transcriptional regulation. There are four distinct clusters of similar genes on chromosomes 2, 6, 11, and 15. The protein encoded by this gene is important for hematopoeisis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]