

## Product datasheet for **MR200269L4V**

### Hmgn1 (NM\_008251) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hmgn1 (NM_008251) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hmgn1
Synonyms:	HMG-14; Hmg14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008251
ORF Size:	291 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200269).
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. <a href="#">More info</a>
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:	<a href="#">NM_008251.3</a> , <a href="#">NP_032277.3</a>
RefSeq Size:	1200 bp
RefSeq ORF:	291 bp
Locus ID:	15312
UniProt ID:	<a href="#">P18608</a>
Cytogenetics:	16 56.83 cM



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**Gene Summary:**

Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in a unique chromatin conformation. Inhibits the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2.[UniProtKB/Swiss-Prot Function]