

Product datasheet for **MR205225L4V**

Hmg20a (NM_025812) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hmg20a (NM_025812) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hmg20a
Synonyms:	1200004E06Rik; 5730490E10Rik; Hmgxb1; lbraf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025812
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205225).
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_025812.2
RefSeq Size:	3562 bp
RefSeq ORF:	1041 bp
Locus ID:	66867
UniProt ID:	Q9DC33
Cytogenetics:	9 B



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Gene Summary:

Plays a role in neuronal differentiation as chromatin-associated protein. Acts as inhibitor of HMG20B. Overcomes the repressive effects of the neuronal silencer REST and induces the activation of neuronal-specific genes. Involved in the recruitment of the histone methyltransferase KMT2A/MLL1 and consequent increased methylation of histone H3 lysine 4.[UniProtKB/Swiss-Prot Function]