

## Product datasheet for **RC210087L4V**

### HMG4 (HMGB3) (NM\_005342) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HMG4 (HMGB3) (NM_005342) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HMG4
Synonyms:	HMG-2a; HMG-4; HMG2A; HMG4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005342
ORF Size:	600 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210087).
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_005342.2</a>
RefSeq Size:	3556 bp
RefSeq ORF:	603 bp
Locus ID:	3149
UniProt ID:	<a href="#">O15347</a>
Cytogenetics:	Xq28
Domains:	HMG
Protein Families:	Transcription Factors


[View online »](#)

**MW:** 23.4 kDa

**Gene Summary:** This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]