

## Product datasheet for **RC217302L3V**

### HMGA1 (NM\_145904) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HMGA1 (NM_145904) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HMGA1
Synonyms:	AL023995; high mobility group AT-hook 1; high mobility group protein I; HMG-I(Y); HMG-R, HMGIY, HMGA1A, MGC4242, MGC4854, MGC12816; Hmga1a; Hmga1b; Hmgi; HMGI(Y); Hmgiy; HMGY; MGC102580
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_145904
ORF Size:	321 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217302).
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_145904.1</a> , <a href="#">NP_665911.1</a>
RefSeq Size:	1978 bp
RefSeq ORF:	323 bp
Locus ID:	3159
Cytogenetics:	6p21.31
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Stem cell relevant signaling - JAK/STAT signaling pathway, Transcription Factors



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**MW:** 11.7 kDa

**Gene Summary:** This gene encodes a chromatin-associated protein involved in the regulation of gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in double-stranded DNA. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been identified on multiple chromosomes. [provided by RefSeq, Jan 2016]