

Product datasheet for **RC201458L3V**

HMGA1 (NM_002131) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | HMGA1 (NM_002131) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HMGA1 |
| Synonyms: | HMG-R; HMGA1A; HMG1Y |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_002131 |
| ORF Size: | 288 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201458). |
| 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_002131.2 |
| RefSeq Size: | 1998 bp |
| RefSeq ORF: | 291 bp |
| Locus ID: | 3159 |
| UniProt ID: | P17096 |
| 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: 10.7 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]