OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC205918L3V

HMG1 (HMGB1) (NM_002128) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HMG1 (HMGB1) (NM_002128) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HMG1
Synonyms:	HMG-1; HMG1; HMG3; SBP-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002128
ORF Size:	645 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205918).`
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_002128.4
RefSeq Size:	3428 bp
RefSeq ORF:	648 bp
Locus ID:	3146
UniProt ID:	P09429
Cytogenetics:	13q12.3
Domains:	HMG
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors

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Protein Pathways: Base excision repair

MW: 24.9 kDa

Gene Summary: This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2015]