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 MG200266

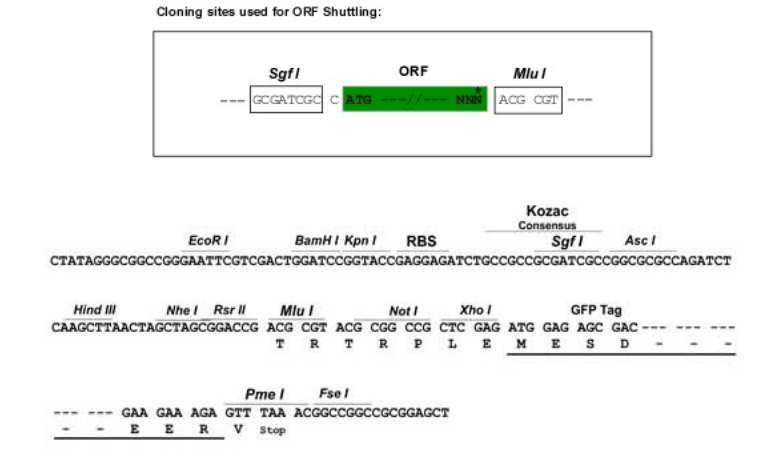
Hmga1 (BC008125) Mouse Tagged ORF Clone

Product data:

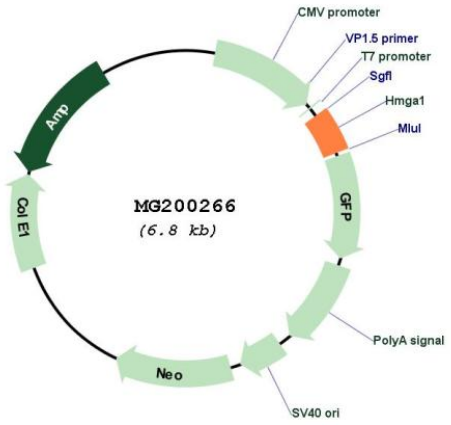
Product Type:	Expression Plasmids
Product Name:	Hmga1 (BC008125) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hmga1
Synonyms:	HMGY, HMG-I(Y), Hmgiy, HMGI(Y)
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG200266 representing BC008125 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGCGAGTCGGGCTCAAAGTCCAGCCAGCCCCTGGCCTCCAAACAGGAAAAGGATGGGACTGAGAAGC GAGGCCGGGGCAGGCCACGCAAGCAGCCTCCGAAAGAGCCCAGTGAAGTGCCAACTCCGAAGAGACCTCG GGGCCGACCAAAGGGAAGCAAGAATAAGGGCGCCGCCAAGACCCGGAAAGTCACCACAGCTCCAGGGAGG AAACCAAGGGGCAGACCCAAGAAACTGGAGAAGGAGGAAGAGGAGGGCATCTCCCAGGAGTCCTCTGAGG AGGAGCAG ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>MG200266 representing BC008125 Red=Cloning site Green=Tags(s) MSESGSKSSQPLASKQEKDGTEKRGRGRPRKQPPKEPSEVPTPKRPRGRPKGSKNKGAAKTRKVTTAPGR KPRGRPKKLEKEEEEGISQESSEEEQ TRTRPLE - GFP Tag - V
Restriction Sites:	SgfI-MluI

View online »

Cloning Scheme:



Plasmid Map:



ACCN: BC008125

ORF Size: 290 bp

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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC008125
RefSeq Size:	1555 bp
RefSeq ORF:	290 bp
Locus ID:	15361
Cytogenetics:	17 14.5 cM
Gene Summary:	This locus encodes a member of the nuclear, non-histone high mobility group protein family. This architectural transcription factor binds to A-T rich DNA sequences and participates in enhanceosome formation, chromatin remodeling and regulation of transcription. This protein functions in many cellular processes, including cell growth and differentiation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]