

Product datasheet for MC201107

Hmga1 (NM_001039356) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmga1 (NM_001039356) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hmga1
Synonyms: AL023995; Hmg; HMG-I(Y; Hmga; Hmga1a; Hmga1b; Hmgi; HMGI(Y; Hmgij; Hmgy
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013455 sequence for NM_001039356
GGGCTGCGCTCCTAATTGGGACTCCGAGTCGGGGCTATTTCTGGTGTGGCGGGCTCCAAGAAGGCA
CTCACTGTGTGCTGCCCCACACATAGAGAAGGAGAATGAGCGAGTCGGGCTCAAAGTCCAGCCAGCCCT
GGCCTCCAAACAGGAAAAGGATGGGACTGAGAAGCGAGGCCGGGGCAGGCCACGCAAGCAGCCTCCGGTG
AGTCTGGGACGGCGCTGGTCGGGAGTCAGAAAGAGCCAGTGAAGTGCCAACTCCGAAGAGACCTCGGG
GCCGACCAAAGGGAAGCAAGAATAAGGGCGCCGCAAGACCCGAAAGTCAACACAGCTCCAGGGAGGAA
ACCAAGGGGCAGACCCAAGAACTGGAGAAGGAGGAAGAGGGGCATCTCCAGGAGTCTCTGAGGAG
GAGCAGTGATCACTCGCAGTGCCGCTGCTCCATAGCCACTGAGGAGCAGCTGTCCCCTGGGACTGG
AAGCCCTGCTCCAGGCCCTCCCCGCCCCACTGCACACTACCGCACCAGGCACCAGCTGCAGGCTCTG
CTCCGCAGCACCAAGGGAGCAGGATTCGGCTCAGTCCCTGTGCCCTCCTCCGAACACACCTGCCCAT
CCTGACAAGGCTAACTTCCATTTAGCCGACGCCGGCCTGCTGCGCACCTCCCTCAGAGCCGTGGCTCT
CTGGGCGCTTTGTTTTGCGGGTCCCTTCTGCCCTGCTGTTCTCGCTTCCCGTAGAGGGTCTGGGAGC
ATTCCTGGCCTTAAGGGGCCCCGGCCCATCTCACTCTGACAAGGCCAGTGGCTGACCTAGCAGCAGC
AGTGTGGTCAGGGCAGGGGATGCTTAGATCCCAGCATGTCCCACCAAAGTATCACCGGGTGGGTTTCTC
AGCCCCCTCTGCCCCACCTACAGAGATCATGCACTGGGTTGGCTGAGCCCTTGACAACAGGAAGTAGG
ATGATGTTGGCTCCACCACTTTAATGTTCTCACCTGAGACTAGACAGATGGGGTTACCGCCCATCTCCA
GAGTAAGGGCCTGTTCTCGCCTCCACAAAGGCAACGGGCACCAACACGCTCCCCAGTCCACTCTAG
GCTGTTCCCTTCTCCCGCAGGGCACTAAGGAGCTAGCCTTGCCGCCCCCTCCTTTTCGCTCCTCCCTGCC
CCCCATGGTCTGGTTCATCTTCTCCTGTTTCAAACTACCTTGGACGGTGTGTTGTTTTTTTTTT
TGTTCCATGTTTATTCTTAGATACCACTATTGCTGCTGCTACCGCTCAGATGTTTCATCTCCTGAAT
TTGCCGTATTCTCTCCCCACACAATACTCGAGGGGAAGGGGGCTGGGGCGCAGCAGACTGTTTAC
CTACCCACACTAAGGAAGATGGGGCCCCACCCGTGGATGCTGCAGCAGAGTGAGGATGGGGGCCACT
TTGATGGGAAAAGGGTGTAGGGCCACCTCCCCTTGTCTGTGGGGGAGGGGTGGCCAGTATTTGCCAG
CCTGGGGCTTCTCCCTGGTTCCTATTTCGAGTACTTGAATAAAAAACAAATAGCCTTTTCTGGACAA
AAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



ACCN:	NM_001039356
Insert Size:	324 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	<u>BC013455</u> , <u>AAH13455</u>
RefSeq Size:	1627 bp
RefSeq ORF:	324 bp
Locus ID:	15361
UniProt ID:	<u>P17095</u>
Cytogenetics:	17 14.5 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 through 5 encode the same isoform (a), also known as isoform l.</p>