

Product datasheet for **MC200613**

Hmga1 (BC008125) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmga1 (BC008125) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hmga1
Synonyms: HMGY, HMG-I(Y), Hmg1y, HMGI(Y)
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008125
 CCGAGTCGGGGCTATTTCTGGTGTGGCGCGGCTCCAAGAAGGCACTCACTGTGTGCTGCCACACATA
 GAGAAGGAGAATGAGCGAGTCGGGCTCAAAGTCCAGCCAGCCCTGGCCTCCAAACAGGAAAAGGATGGG
 ACTGAGAAGCGAGGCCGGGCGAGGCCACGCAAGCAGCCTCCGAAAAGAGCCAGTGAAGTGCCAACCTCCGA
 AGAGACCTCGGGGCCGACCAAAGGGAAGCAAGAATAAGGGCGCCGCAAGACCCGAAAAGTCAACACAGC
 TCCAGGGAGGAAACCAAGGGGCAGACCAAGAACTGGAGAAGGAGGAAGAGGAGGGCATCTCCAGGAG
 TCCTCTGAGGAGGAGCAGTGATCAACACTCGCAGTGCCGCTGCTCCATAGCCACTGAGGAGCAGCTGTC
 CCCTGGGACTGGAAGCCCTGCTCCAGGCCCTCCCGCCCCACTGCACACTACCGCACCAGGCACCAG
 CTGCAGGCTCTGCTCCGACGACCCAAGGGAGCAGGATTGGGCTCAGTCCCTGTGCCCTCTCCGAACA
 CACCTGCCCCATCTGACAAGGCTAACTCCCATTTAGCCGACGCCGGCCTGCTGCGCACCTCCCTCAG
 AGCCGTGGCTCTCTGGGCGCTTTGTTTTGCGGGTCCCTTCTGCCCTGCTGTTCTGGCTTCCCCGTAGAG
 GGTCTGGGAGCATTCCCTGGCCTTAAGGGGCCCGGCCCATCTCACTCTGACAAGGCCAGTGGCTGA
 CCTAGCAGCAGCAGTGTGGTCAGGGCAGGGATGCTTAGATCCCAGCATGTCCCCACAAAGTATCACCG
 GGTGGGTTTCTCAGCCCCTCCTGCCACCCCTACAGAGATCATGCACTGGGTTGGCTGAGCCCCTTGACA
 ACAGGAAGTAGGATGATGTTGGTCCACCCACTTAAATGTTCTCACCTGAGACTAGACAGATGGGGTTAC
 CGCCCATCTCCAGAGTAAGGGCTGTTCTCGCTCCACCAAAGGCAAACGGGCACCAACAGCCTCCCCC
 AGTCCACTCTAGGCTGTTCTTCTCCCGCAGGGCACTAAGGAGCTAGCCTTGCCGCCCTCCTTTTCG
 CTCTCCCTGCCCCCATGGTTCTGGTTCCATCTTCTCTCTGTTCAAACTACCTCTGGACGGTTGTG
 TTGTTTTTTTTTTGTTCCATGTTCACTTAGATACCCACTATTGCTGCTGCTACCAGCGTCAGATGTTT
 ATCCTCCTGAATTTGCCTGTATTCTCTCCCCACACAATACTCGAGGGGAAGGGGGCTGGGGCGCAG
 CAGACTGGTTACCTACCCACACTAAGGAAGATGGGGCCCCACCCGTGGATGCTGCAGCAGAGTGAGGA
 TGGGGGCCACTTTGATGGGAAAAGGTGTAGGGCCACTCCCCTGTTCTGTGGGGAGGGGTGGCCAG
 TATTTGTCCAGCCTGGGCTTCTCCCTGTTTCTATTGTCAGTTACTTGAATAAAAAACAAATAGCC AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC008125



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Insert Size:	1320 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>BC008125</u>
RefSeq Size:	1555 bp
RefSeq ORF:	1320 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]