

Product datasheet for **MC202751**

Hmgn2 (NM_016957) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hmgn2 (NM_016957) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hmgn2
Synonyms:	HMG-17; Hmg17
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC084680 sequence for NM_016957 CCCGTGCTCAGCGCCGACGTCCCCTGCCGCCACCATGCCCAAAGAAAGGCTGAAGGGGATGCTAAAGGA GACAAAACCAAGGTGAAGGACGAGCCACAGAGAAGATCTGCAAGGTTGTCTGCTAAACCTGCTCCTCCAA AGCCAGAGCCCAAACCTAAAAAGCCCCCTGCGAAGAAGGGAGAGAAGGTACCCAAGGGGAAGAAGGGGAA AGCTGACGCCGGGAAGGATGCGAATAATCCTGCAGAAAATGGAGATGCCAAAACAGACCAGGCACAGAAA GCTGAAGGTGCTGGAGATGCCAAGTGATGTGTGCATTTTTGATAACTGTGACTTCTGGTGACTGTAC AGTTTGAATACTATTTTTATCAAGTTTTATAAAAATGCAGAATTCGTTTTACTTTTTTTTTTTTTTTT TAAGCTATATTGTTAGCACACAGAACACTTCATTACTGGGTGGGGGAAGGATCATGTGTCAGTAACAAA TCTCTCCAAGCTGGATTGAGGACAGAAAACCTCTTCCCTGATAATTTTGAAGGCTCCTGTTGGCTCC CAGGAGAGAGATCCTGGTCTTGACCTAGGTGGCCACCAAGGCACAACAATGCCTTGTGGTCTGGGAAAAC TATAAATTCACCTTTTATCCTCTTCCCCTGTACTATCAACATAGACTTAATTCCTTAAAAACCAGAG ACCTGTTGGAACCTGGCCCCAAAATTGGTTTCCAGTCCATTGAGTGATGGGGACTTTGCAGTGACTTC ATTGAGTGTCTCAAAGAGCACTGGTTCCCTTTATAAAAAGATTGTGGATCTTCAGATTGATAATTCTGC CTAAGAGTCAGGGTGGGCTTGTGAAAAGTTGTTAAAACAACATCCTTAATGTGAAATGTCAACCCTCACT CTAAGCTACTTCCCCCTTTTCAAAGCATTGAATGAAGACTTCATTGGGTTTTATAGTGGCTTTCTGATTT TGGTAGTCTATAACAAGAAGGGAATTTGGAAGTTCTTGATATTGTTGATTGTCTGCCCATGCTCCTGCCTG AAATACCATGATTGTTTATGAAAAGAATCTTTAATAAAGCTGGTTACAGTTAAAAAAAAAAAAAAAAAAAA AA
Restriction Sites:	RsrII-NotI
ACCN:	NM_016957
Insert Size:	273 bp



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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>BC084680</u> , <u>AAH84680</u>
RefSeq Size:	1162 bp
RefSeq ORF:	273 bp
Locus ID:	15331
UniProt ID:	<u>P09602</u>
Cytogenetics:	4 66.47 cM
Gene Summary:	Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in a unique chromatin conformation (By similarity).[UniProtKB/Swiss-Prot Function]