

Product datasheet for **RN210071**

Hmgn5b (NM_001134706) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hmgn5b (NM_001134706) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hmgn5b
Synonyms:	Hmgn5; Hmgn5l1; Nsbp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN210071 representing NM_001134706
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCAAAGAAAGGCTGCAGGTGATGCGAGCCAGGAGCCAAAGAGAAGATCGGCTCGACTGTCTGCTA
 TGCTGTGCCCTTTACACCGGAGTTGAAACCTAAAAGAGCATCAACTTCAAGGAAAACGAAGACCACAAA
 TGTCGTGGAAGAAAGCAAGATGCGAGTGCCACACAATTCTGAAACCAAGCCAGAAGTTGTTAAAGGA
 GAATGCAACATGGAAAATGCTGAAAATGGAGAAGCCAAAATTATTGAGGCACCCATTTCTAAAATGGAAA
 CTGAGGAAGTAAAAGAACAGATAAATGAAGACACTGAAGGAGATGGAGGAGAAAAGAAAGAGCAGTGGT
 AACAAAAGGCCAAAATGATGAGCTAGAAGCAAACATTCAAGATGTGGAGAAAGATGAAGATGAAAAAGAG
 CACGAAGATACAGGTGAGGAGGGAGAAGATGGGAAAGGGAAGGAGGCCTAAAAGAGAAACCAGATGTAG
 CTGAAATCGAAGACGCAAAGGAGGCCAAAGATGATGAAGAGAAGGAAGACAAGGAAAAAGAGATGACAA
 AGGAGGTGATGGGAAGAAGGAAGAAGAGAAAGATGATGAGGGGGAAGCTGAAACAGAGGAAGAAGTAAAA
 GAACAACAGAAAGAGGAAACTGAGGGGGATGATGGGAAATGCAAAGTAGAGGAAAACAAGGAAGGCAGAA
 AGGAAAGTCAGCATGAGGAAGAAGGAAGGAAGAGCTGCATGAGGAAGACGGAAGGAAGATCTGCATGA
 GGAAGACGGAAGGAAGATCTGCATGAGGAAGACGGAAGGAAGATCTGCATGAGGAAGAAGGAAGGAAG
 GATCTGCATGAGGAAGAAGGAAGGAAGATCTGCATGAGGAAGAAGGAAGGAAGATCTGCATGAGGAAG
 AAGGAAGGAAGATCTGCATGAGGAAGAGGGGAAGGAAGATCTGCATGAGGAAGAAGGAAGGAAGATCT
 GCATGAGGAAGAAGGAAGGAAGATCTGCATGAGGAAGACGGAAGGAAGGTGAGCATGAGGAAGAAGGG
 AAGGAAGATCTGCATGAGGAAGAAGGAAGGAAGATCTGCATGAGGAAGACGGAAGGAAGGTGAGCATG
 AGGAAGACGGAAGGAAGGAAGGCTGACGGAACGAGGATAGAAAGGAAGAAGAAGCAAGAGGCTGCTAC
 AGAAGGGAATGATGAAAACAAGGTGGAGGTGGAAGAAGAAGCTGACAACAAGACTTCAAAGAAGATGGA
 GAGAAAGGGGAGCCTGTGAGCACTGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001134706

Insert Size: 1290 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:

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: NM_001134706.1, NP_001128178.1

RefSeq Size: 2066 bp

RefSeq ORF: 1290 bp

Locus ID: 681284

UniProt ID: [B4F777](#)

Cytogenetics: 1q22

Gene Summary: Preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction.[UniProtKB/Swiss-Prot Function]