

Product datasheet for **MC209873**

Hmgn5 (NM_016710) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hmgn5 (NM_016710) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hmgn5
Synonyms:	GARP45; NBP-45; Nsbp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209873 representing NM_016710 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCAAAGAAAGGCTGCAGGTGATGTGAGCCAGGAGCCAAAGAGAAGATCAGCCCGACTGTCTGCTA
TGCCTGTGCCCTTACACCGGAGTTGAAACCTAAAAGAGCATCAACTTCAAGGAAAACCAAGACCACAAA
TGTCGTGGAAGAAAACAAAGATGCAAGTACCATACCAATTCCTGAAACCAAGCCAGAAGATGTTAAAGAC
GAATGCAACATGAAAAATGCTGAAAATGGAGAAGCCAAGATTATGGAGGCACCCATTCTAAAATGGAAG
CTGAGGAAGTAAAAGAACAGATAAATGAAGACACTGAAGAAGATGGAGGAGAAAAGAAAGCAGTGCC
AGCAGAAGCCAAAGATGATGAGCTAAAAGCAAACATTCAGATGTGGAGAAAGATGAAGATGGAAAAGAG
CACAAAGATACAGGTGAGGAGGTGGAAGACGGA AAAATAGAAGAAGAAGGCCATAACGAGAAACAGGTA
CAGCCAAAAGTGAAGATGCAGAGGTGTCCAAAGATGAAGAAGAGAAAAGGAGACAATGAAAAGGAGAAGA
TGGCAAAGAAGAAGGTGATGAGAAGGAAGAAGAGAAAAGATGACAAAGAGGGGGACACTGGAACAGAAAA
GAAGTAAAAGAACAAAACAAGGAAGCCGAGGAGGATGATGGGAAATGCAAAGAGGAGGAAAAACAAGGAAG
TTGAAAGGAAGGTCAGCCTGAGGAAGATGGAAGGAAGATCTGCATGAGGAAGTTGAAAGGAAGATCT
GCATGAGGAAGATGGAAGGAAGGTCAGCCTGAGGAAGATGGGAAGGAATTCATCATGAGGAAGATGGA
AAGGAAGGTCAGCCTGAAGAAGATGGAAGGAATATCTGCATGAGGAAGATGGAGAGGAAGGTCAGCCTA
AGGAAGATCAAAAGGAAGGTCAGCCTGAGGAAGATGGAAGGAAGATGAGGAAGATGAGGAAGATGGAAGGA
AGGTCAGTGTAAGGAAGATGGGAAGGAAGGTCATCATGAGGAAGGTTGAAAGGAAGATCTGCATGAGGAA
GATGGAAGGAGAAAAGATGGTGGAAAAGAGGATAGAAAGGAAGAAGGAGCAAGAGGTTGCTGTAGATG
AAGGGAGTGATGAAAACAAGGTGGAGGCAGAAGAAGAAGGAGCCGAAAACAAAGACTTCAAACAAGACGG
AGAGAAAGAGGAGCCTCTGAGTATTGCT**TAA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016710
Insert Size:	1221 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>NM_016710.2</u> , <u>NP_057919.2</u>
RefSeq Size:	1911 bp
RefSeq ORF:	1221 bp
Locus ID:	50887
UniProt ID:	<u>Q9JL35</u>
Cytogenetics:	X D
Gene Summary:	Preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction.[UniProtKB/Swiss-Prot Function]